

- 2-[(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)oxy]acetamide;
- 5 1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl carbamate;
- 10 2-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)acetamide;
- 15 2-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)-N,N-dimethylacetamide;
- 20 1-(4-methoxyphenyl)-6-{4-[1-(methylamino)cyclopropyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 6-{4-[1-(dimethylamino)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 25 1-(4-methoxyphenyl)-7-oxo-6-{4-[1-(1,3-thiazol-2-ylamino)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 30 N-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)urea;
- 35 N-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)-N'-methylurea;

- N*-(1-(4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6*H*-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl)cyclopropyl)-2-methylpropanamide;
- 5 6-(4-{1-[(4-hydroxy-1-piperidinyl)methyl]cyclopropyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 10 1-(4-methoxyphenyl)-6-(4-{1-[(2-methyl-5,6-dihydro-1(4*H*)-pyrimidinyl)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 15 1-(4-methoxyphenyl)-6-(4-{1-[(2-methyl-4,5-dihydro-1*H*-imidazol-1-yl)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 20 6-{4-[1-(4,5-dihydro-1,3-oxazol-2-ylmethyl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 25 6-{4-[1-(4,5-dihydro-1*H*-imidazol-2-ylmethyl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 30 1-(4-methoxyphenyl)-6-(4-{1-[(1-methyl-4,5-dihydro-1*H*-imidazol-2-yl)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 35 1-(4-methoxyphenyl)-7-oxo-6-(4-{1-[(1,3-thiazol-2-ylamino)methyl]cyclopropyl}phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

1- (4-methoxyphenyl) -6- (4- {1- [(2-methyl-1*H*-imidazol-1-yl)methyl]cyclopropyl}phenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

5

1- (4-methoxyphenyl) -6- {4- [1-methyl-1- (2-oxo-1-pyrrolidinyl)ethyl]phenyl} -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

10 1- (4-methoxyphenyl) -6- {4- [1-methyl-1- (2-oxo-1-piperidinyl)ethyl]phenyl} -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

15 6- {4- [1,1-dimethyl-2- (2-oxo-1-piperidinyl)ethyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

20 6- {4- [1,1-dimethyl-2- (2-oxo-1-pyrrolidinyl)ethyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

25 6- {4- [1,1-dimethyl-2- (3-oxo-4-morpholinyl)ethyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

6- {4- [1,1-dimethyl-2- (2-oxo-1-piperazinyl)ethyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 6- {4- [1,1-dimethyl-2- (2-oxotetrahydro-1 (2*H*) -pyrimidinyl)ethyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

- 6-{4-[1,1-dimethyl-2-(2-oxodihydro-2*H*-1,3-oxazin-3(4*H*)-
yl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-
tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 5 1-{4-[3-(aminocarbonyl)-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-
tetrahydro-6*H*-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-1-
methylethyl methylcarbamate;
- 10 1-{4-[3-(aminocarbonyl)-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-
tetrahydro-6*H*-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-1-
methylethyl 3-pyrrolidinylcarbamate;
- 15 6-{4-[1-ethyl-1-(1-pyrrolidinylmethyl)propyl]phenyl}-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 20 6-(4-{1-[(dimethylamino)methyl]-1-ethylpropyl}phenyl)-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 1-[3-(aminomethyl)phenyl]-6-{4-[1,1-dimethyl-2-(1-
pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-
1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 25 1-[3-(aminomethyl)phenyl]-6-{4-[2-(dimethylamino)-1,1-
dimethylethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 30 1-[3-(aminocarbonyl)phenyl]-6-{4-[2-(dimethylamino)-1,1-
dimethylethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 35 1-[3-(aminocarbonyl)phenyl]-6-{4-[1,1-dimethyl-2-(1-
pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-
1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

- 1- (3-amino-1,2-benzisoxazol-5-yl) -6- {4- [1,1-dimethyl-2- (1-pyrrolidinyl) ethyl] phenyl} -7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 5 1- (3-amino-1,2-benzisoxazol-5-yl) -6- {4- [1,1-dimethyl-2- (1-pyrrolidinyl) ethyl] phenyl} -3- (trifluoromethyl) -1,4,5,6-tetrahydro-7H-pyrazolo[3,4-c]pyridin-7-one;
- 10 1- (1-amino-7-isoquinolinyl) -6- {4- [1,1-dimethyl-2- (1-pyrrolidinyl) ethyl] phenyl} -7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 15 1- (1-amino-7-isoquinolinyl) -6- {4- [2- (dimethylamino) -1,1-dimethylethyl] phenyl} -7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 20 1- (1-amino-7-isoquinolinyl) -6- (4- {1- [(dimethylamino) methyl] cyclopropyl} phenyl) -7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 25 1- (1-amino-7-isoquinolinyl) -7-oxo-6- {4- [1- (1-pyrrolidinylmethyl) cyclopropyl] phenyl} -4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 30 1- (3-amino-1,2-benzisoxazol-5-yl) -7-oxo-6- {4- [1- (1-pyrrolidinylmethyl) cyclopropyl] phenyl} -4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 1- (3-amino-1,2-benzisoxazol-5-yl) -6- {4- [1- (1-pyrrolidinylmethyl) cyclopropyl] phenyl} -3- (trifluoromethyl) -1,4,5,6-tetrahydro-7H-pyrazolo[3,4-c]pyridin-7-one;

- 1-(3-amino-1,2-benzisoxazol-5-yl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 5 1-[3-(aminomethyl)phenyl]-7-oxo-6-(4-{1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl}phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 10 6-[4-(1-{[acetyl(methyl)amino]methyl}cyclopropyl)phenyl]-1-[3-(aminomethyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 15 1-[3-(aminocarbonyl)phenyl]-6-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 20 3-[3-cyano-6-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridin-1-yl]benzamide;
- 25 1-(2,3-dihydro-1*H*-indol-6-yl)-6-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 30 1-(2,3-dihydro-1*H*-indol-6-yl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;
- 1-(2,3-dihydro-1*H*-indol-6-yl)-7-oxo-6-(4-{1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl}phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

- 6-(4-{1-[(dimethylamino)methyl]cyclobutyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 5 1-(4-methoxyphenyl)-6-{4-[1-(4-morpholinylmethyl)cyclobutyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 10 1-(4-methoxyphenyl)-6-{4-[1-(4-morpholinylmethyl)cyclopentyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 15 6-(4-{1-[(dimethylamino)methyl]cyclopentyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;
- 20 1-(4-methoxyphenyl)-6-{4-[1-(2-oxo-pyrrolidin-1-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 1-(4-methoxyphenyl)-6-{4-[1-(2-oxo-piperidin-1-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 35 N-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]phenyl}-cyclopropyl)-N-methyl-acetamide;

- N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-cyclopropyl)-*N*-methyl-methanesulfonamide;
- 5 *N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-cyclopropyl)-*N*-methyl-2-methylaminoacetamide;
- 10 2-dimethylamino-*N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}cyclopropyl)-*N*-methylacetamide;
- 15 *N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-cyclopropyl)-*N*-methyl-2-morpholin-4-yl-acetamide;
- 20 6-{4-[1-(1-hydroxyethyl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;
- 25 6-[4-(1-acetylcyclopropyl)phenyl]-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;
- 30 6-{4-[1-(1-hydroxy-1-methyl-ethyl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;
- 6-[4-(1-methoxymethylcyclopropyl)phenyl]-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

- 6-{4-[1-(4,5-dihydro-oxazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropanecarboxylic acid 2-amino-ethyl ester ;
- 10 6-{4-[1-(4,5-dihydro-oxazol-2-yl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 15 6-{4-[1-(4,5-dihydro-1H-imidazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 1-(4-methoxyphenyl)-6-{4-[1-(1-methyl-4,5-dihydro-1H-imidazol-2-yl)cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 6-{4-[1-(1-methanesulfonyl-4,5-dihydro-1H-imidazol-2-yl)-cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 6-{4-[1-(1H-imidazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 35 1-(4-methoxyphenyl)-6-{4-[1-(1-methyl-1H-imidazol-2-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 2-[1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]phenyl}-cyclopropyl)-methyl-amino]-acetamide;

6-(4-{1-[(2-hydroxyethyl)-methylamino]cyclopropyl}phenyl)-
1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-
tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

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1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclopropanecarboxylic acid methoxy-methyl-amide;

10 6-[4-(1-hydroxymethylcyclopropyl)phenyl]-1-(4-methoxy-
phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-
c]pyridine-3-carboxylic acid amide;

6-[4-(1-acetyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-
15 oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carboxylic acid amide ;

6-[4-(1-aminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
20 carboxylic acid amide;

1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)-
phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-
c]pyridine-3-carboxylic acid amid;

25

6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 6-[4-(1-methylaminomethylcyclopentyl)phenyl]-1-(4-methoxy-
phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylaminomethylcyclopentyl)phenyl]-1-(4-
35 methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylaminomethylcyclopentyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

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6-[4-(1-[(2-hydroxyethyl)methylaminomethyl]cyclopentyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10

6-[4-(1-hydroxymethylcyclopentyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-(4-{1-[(2-hydroxyethyl)methylamino]cyclopropyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

20 1-(4-methoxyphenyl)-6-{4-[1-(methyl-prop-2-ynylamino)cyclopropyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 3-(1-hydroxyethyl)-1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 3-acetyl-1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid methylamide;

- 1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid dimethylamide;
- 5 6-[4-(1-aminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 10 1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 15 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 20 2-[(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}cyclopropyl)-methylamino]acetamide;
- 6-(4-{1-[(2-hydroxyethyl)methylamino]cyclopropyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 25 1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid ethyl ester;
- 30 1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;
- 35 1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

- 1- (4-methoxyphenyl) -6- [4- (1-morpholin-4-yl-
cyclopropyl)phenyl] -7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;
- 5 1- (4-methoxyphenyl) -6- [4- (1-morpholin-4-yl-
cyclopropyl)phenyl] -7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carbonitrile;
- 10 6- [4- (1-dimethylaminocyclopropyl)phenyl] -1- (4-
methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid methylamide;
- 15 6- [4- (1-dimethylaminocyclopropyl)phenyl] -1- (4-
methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid
dimethylamide;
- 20 6- {4- [1- (1,1-dioxo-1 λ ⁶-thiomorpholin-4-
yl)cyclopropyl]phenyl} -1- (4-methoxyphenyl) -7-oxo-
4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-
carboxylic acid amide;
- 25 6- [4- (1-aminocyclopropylmethyl)phenyl] -1- (4-methoxyphenyl) -
7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-
carboxylic acid amide;
- 30 6- [4- (1-dimethylaminocyclopropylmethyl)phenyl] -1- (4-
methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;
- 1- (3-chloro-phenyl) -6- {4- [1,1-dimethyl-2- (2-oxo-pyrrolidin-
1-yl) -ethyl] -phenyl} -7-oxo-4,5,6,7-tetrahydro-1*H*
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

- 6-{4-[1,1-dimethyl-2-(2-oxo-pyrrolidin-1-yl)-ethyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 5 1-(4-methoxy-phenyl)-6-[4-(1-methyl-1-pyrrolidin-1-ylethyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 10 6-[4-(1-dimethylamino-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 15 6-{4-[1-(4,4-dimethyl-4,5-dihydro-oxazol-2-yl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 6-[4-(1-methanesulfonyl-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 25 6-[4-(1-hydroxy-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 1-(4-methoxy-phenyl)-6-[4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;
- 35 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;

2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

5

1-(4-methoxy-phenyl)-6-{4-[1-(2-oxo-2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

25 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-acetyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

- 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 5 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 10 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 15 6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 20 6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 25 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 30 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 35 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-(4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5

6-(4-[1-(2-diethylamino-ethyl)-cyclopropyl]-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10 1-(4-methoxy-phenyl)-7-oxo-6-(4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

20 6-(4-{1-[2-(3-hydroxy-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

1-(4-methoxy-phenyl)-6-(4-{1-[2-(methyl-thiazol-2-yl-amino)-ethyl]-cyclopropyl}-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5

6-[4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10

1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-methyl-imidazol-1-yl)-ethyl]-cyclopropyl}-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15

6-(4-{1-[2-(2,6-dimethyl-piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

20

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

25

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;

30

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;

35

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

- 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 3-methanesulfonyl-6-{4-[1-(2-methoxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 6-{4-[1-(2-diethylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 6-{4-[1-(2-isopropylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 30 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 35 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

6-(4-{1-[2-(3-hydroxy-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-
phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-
1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

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3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-
piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-
tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-
morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-
tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 6-[4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-
cyclopropyl)-phenyl]-3-methanesulfonyl-1-(4-methoxy-
phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-
one;

20 2-{[2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl]-cyclopropyl)-ethyl]-methyl-amino}-acetamide;

25 2-[2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl]-cyclopropyl)-ethylamino]-acetamide;

30 6-(4-{1-[2-(2-hydroxy-ethylamino)-ethyl]-cyclopropyl}-
phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-
1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-
methyl-imidazol-1-yl)-ethyl]-cyclopropyl}-phenyl)-
1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(thiazol-2-ylamino)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;
- 15 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;
- 20 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;
- 6-(4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 25 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 30 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 35 1-(4-methoxy-phenyl)-7-oxo-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

- 1- (4-methoxy-phenyl) -6- {4- [1- (2-morpholin-4-yl-ethyl) -
cyclopropyl] -phenyl} -7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 5 6- (4- {1- [2- (1,1-dioxo-116-thiomorpholin-4-yl) -ethyl] -
cyclopropyl} -phenyl) -1- (4-methoxy-phenyl) -7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;
- 10 6- (4- {1- [2- (2-hydroxy-ethylamino) -ethyl] -cyclopropyl} -
phenyl) -1- (4-methoxy-phenyl) -7-oxo-4,5,6,7-tetrahydro-
1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 15 2- [2- (1- {4- [3-cyano-1- (4-methoxy-phenyl) -7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl] -phenyl} -
cyclopropyl) -ethylamino] -acetamide;
- 20 2- { [2- (1- {4- [3-cyano-1- (4-methoxy-phenyl) -7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl] -phenyl} -
cyclopropyl) -ethyl] -methyl-amino} -acetamide;
- 25 6- [4- (1- {2- [(2-hydroxy-ethyl) -methyl-amino] -ethyl} -
cyclopropyl) -phenyl] -1- (4-methoxy-phenyl) -7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;
- 30 N- [2- (1- {4- [3-cyano-1- (4-methoxy-phenyl) -7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl] -phenyl} -
cyclopropyl) -ethyl] -N-methyl-methanesulfonamide;
- N- [2- (1- {4- [3-cyano-1- (4-methoxy-phenyl) -7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl] -phenyl} -
cyclopropyl) -ethyl] -N-methyl-acetamide;

- 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 5 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 10 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-methyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 5-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;
- 25 5-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;
- 30 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 35 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 5 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 10 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;
- 25 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 30 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 35 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-3-methyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;

- 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclopentyl)-N-methyl-acetamide;
- 5 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclopentyl)-N,N-dimethyl-acetamide;
- 10 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclopentyl)-acetamide;
- 15 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclopentyl)-acetamide;
- 20 6-[4-(1-carbamoylmethyl-cyclopentyl)-phenyl]-1-(4-methoxy-
phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-
c]pyridine-3-carboxylic acid amide;
- 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-
cyclopentyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 25 6-[4-(1-dimethylcarbamoylmethyl-cyclopentyl)-phenyl]-1-(4-
methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 30 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclopentyl)-N,N-dimethyl-acetamide;
- 35 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclopentyl)-N-methyl-acetamide;

- 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N-methyl-acetamide;
- 5 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N,N-dimethyl-acetamide;
- 10 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-acetamide;
- 15 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 20 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 25 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 30 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 35 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;

- 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 5 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 10 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;
- 15 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 20 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-acetamide;
- 25 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 30 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclobutyl)-N,N-dimethyl-acetamide;
- 35 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclobutyl)-N-methyl-acetamide;

- 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclobutyl)-acetamide;
- 5 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-
2,3-dihydro-1H-isoindol-4-yl}-amide;
- 10 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-
dihydro-1H-isoindol-4-yl}-amide;
- 15 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-
dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-
dihydro-1H-isoindol-4-yl}-amide;
- 20 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-
dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 25 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-
oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 30 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-
dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 35 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-
dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-
oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

- 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 25 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 30 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 35 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

- 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 25 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 30 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 35 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

- 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 5 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 10 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 15 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 20 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 25 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;
- 30 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

- 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 20 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 25 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;
- 30 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

- 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- 15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;
- (1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetic acid;
- 20 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;
- 25 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;
- 30 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;
- 35 1-(4-methoxy-phenyl)-6-{4-[1-(2-oxo-2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

- 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 5 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 10 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 15 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 20 1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one
- 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-acetyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;
- 25 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 30 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;
- 35 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;
- 1-(4-Methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

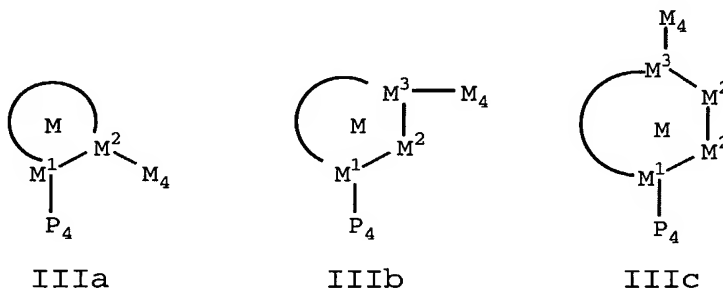
6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide; and,

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

or a pharmaceutically acceptable salt form thereof.

[9] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is of Formula IIIa, IIIb, or IIIc:



or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

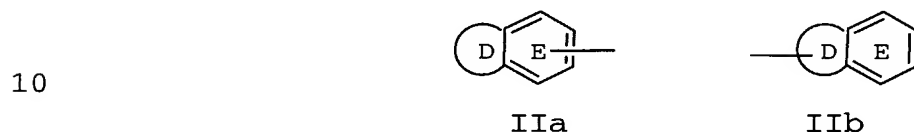
ring M, including M₁, M₂, and, if present, M₃, is phenyl or a 3-10 membered carbocyclic or 4-10 membered

heterocyclic ring consisting of: carbon atoms and 1-4 heteroatoms selected from O, S(O)_p, N, and NZ²;

ring M is substituted with 0-3 R^{1a} and 0-2 carbonyl groups,
5 and there are 0-3 ring double bonds;

one of P₄ and M₄ is -Z-A-B and the other -G₁-G;

G is a group of formula IIa or IIb:



ring D, including the two atoms of Ring E to which it is attached, is a 5-6 membered ring consisting of carbon
15 atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p;

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;
20

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and is substituted with 1-3 R;

alternatively, ring D is absent, and ring E is selected
25 from phenyl, pyridyl, pyrimidyl, and thienyl, and ring E is substituted with 1-3 R;

alternatively, ring D is absent, ring E is selected from phenyl, pyridyl, and thienyl, and ring E is
30 substituted with 1 R and substituted with a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle

is substituted with 0-2 carbonyls and 1-3 R and there are 0-3 ring double bonds;

R is selected from H, C₁₋₄ alkyl, F, Cl, OH, OCH₃, OCH₂CH₃,
 5 OCH(CH₃)₂, CN, C(=NH)NH₂, C(=NH)NHOH, C(=NH)NHOCH₃,
 NH₂, NH(C₁₋₃ alkyl), N(C₁₋₃ alkyl)₂, C(=NH)NH₂, CH₂NH₂,
 CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂, (CR⁸R⁹)_tNR⁷R⁸,
 C(O)NR⁷R⁸, CH₂C(O)NR⁷R⁸, S(O)_pNR⁷R⁸, CH₂S(O)_pNR⁷R⁸,
 SO₂R³, and OCF₃;

10

alternatively, when 2 R groups are attached to adjacent atoms, they combine to form methylenedioxy or ethylenedioxy;

15 A is selected from:

C₅₋₁₀ carbocycle substituted with 0-2 R⁴, and

5-10 membered heterocycle substituted with 0-2 R⁴ and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

20

X is selected from -(CR²R^{2a})₁₋₄-, -C(O)-, -C(O)CR²R^{2a}-,
 -CR²R^{2a}C(O), -S(O)₂-, -S(O)₂CR²R^{2a}-, -CR²R^{2a}S(O)₂-,
 -NR²S(O)₂-, -S(O)₂NR²-, -NR²C(O)-, -C(O)NR²-, NR²,
 -NR²CR²R^{2a}-, -CR²R^{2a}NR²-, O, -OCR²R^{2a}-, and -CR²R^{2a}O-;

25

Y is a C₃₋₇ monocyclic carbocycle or 3-7 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of: carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)_p, the carbocycle or
 30 heterocycle further comprises 0-2 double bonds and 0-2 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;

alternatively, Y is CY^1Y^2 , and Y^1 and Y^2 are independently C_{1-3} alkyl substituted with 0-1 R^4 ;

5 Z is selected from a bond, CH_2 , CH_2CH_2 , CH_2O , OCH_2 , $C(O)$, NH , CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $NHC(O)CH_2C(O)NH$, $NHC(O)C(O)NH$, $C(O)NHS(O)_2$, $S(O)_2$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, provided that Z does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

10

Z^2 is selected from H, C_{1-4} alkyl, phenyl, benzyl, $C(O)R^{3b}$, $S(O)R^{3f}$, and $S(O)_2R^{3f}$;

15

R^{1a} , at each occurrence, is selected from H, $-(CH_2)_r-R^{1b}$, $-(CH(CH_3))_r-R^{1b}$, $-(C(CH_3)_2)_r-R^{1b}$, $-O-(CR^3R^{3a})_r-R^{1b}$, $-NR^2-(CR^3R^{3a})_r-R^{1b}$, and $-S-(CR^3R^{3a})_r-R^{1b}$, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

20

alternatively, when two R^{1a} groups are attached to adjacent atoms or to the same carbon atom, together with the atoms to which they are attached they form a 5-7 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

25

R^{1b} is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, F, Cl, Br, I, -CN, -CHO, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , $OC(O)R^2$, CO_2R^{2a} , $S(O)_pR^2$, $NR^2(CH_2)_rOR^2$, $NR^2C(O)R^{2b}$, $NR^2C(O)NHR^2$, $NR^2C(O)_2R^{2a}$, $OC(O)NR^2R^{2a}$, $C(O)NR^2R^{2a}$, $C(O)NR^2(CH_2)_rOR^2$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms

30

selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

5 R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₅₋₆ carbocycle substituted with 0-2 R^{4b}, a C₅₋₆ carbocycle-CH₂- substituted with 0-2 R^{4b}, and 5-6 membered heterocycle
10 substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CF₃, CH₃,
15 CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group
20 consisting of N, O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated
25 ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy,
30 C₁₋₆ alkyl substituted with 0-3 R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 4-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

- R^{2c} , at each occurrence, is selected from CF_3 , OH, C_{1-4} alkoxy, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $CH_2CH_2CH_2CH_3$, $CH_2CH(CH_3)_2$, $CH(CH_3)CH_2CH_3$, $C(CH_3)_3$, benzyl, C_{5-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- 10 R^{2d} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(CR^3R^{3a})_r-C_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(CR^3R^{3a})_r-5-6$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2d} forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-halo, N-S, S-N, $S(O)_p-S(O)_p$, S-O, O-N, O-S, or O-O moiety;
- 15
- 20 alternatively, when two R^{2d} 's are attached to the same nitrogen atom, then R^{2d} and R^{2d} , together with the nitrogen atom to which they are attached, combine to form a 5 or 6 membered saturated, partially saturated or unsaturated ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and $S(O)_p$;
- 25
- R^{2e} , at each occurrence, is selected from H, R^{4c} , C_{1-4} alkyl substituted with 0-2 R^{4c} , $-(CR^3R^{3a})_r-C_{3-6}$ carbocycle substituted with 0-2 R^{4c} , and $-(CR^3R^{3a})_r-5-6$ membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, provided that R^{2e} forms other than a C(O)-halo or C(O)- $S(O)_p$ moiety;
- 30

R^3 , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

5 R^{3a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

alternatively, R^3 and R^{3a} , together with the nitrogen atom to which they are attached, combine to form a 5 or 6
10 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which R^3 and R^{3a} are attached;

R^{3c} , at each occurrence, is selected from CH_3 , CH_2CH_3 ,
15 $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, and phenyl;

R^{3d} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, CH_2 -phenyl, CH_2CH_2 -phenyl, and $C(=O)R^{3c}$;

20 R^{3g} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, cyclopropyl, cyclopropyl-methyl, benzyl, and phenyl;

25 alternatively, when R^3 and R^{3g} are attached to the same carbon atom, they combine with the attached carbon atom to form a cyclopropyl group;

R^4 , at each occurrence, is selected from H, =O, OR^2 , CH_2OR^2 ,
30 $(CH_2)_2OR^2$, F, Cl, Br, I, C_{1-4} alkyl, -CN, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $(CH_2)_2NR^2R^{2a}$, $C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $S(O)_pR^{5a}$, CF_3 , CF_2CF_3 , 5-6 membered carbocycle substituted with 0-1 R^5 , and a 5-6 membered heterocycle substituted with 0-1 R^5 and consisting of:

carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

- 5 R^{4b}, at each occurrence, is selected from H, =O, OR³,
 CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂,
 CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN,
 NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c},
 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a},
 CH₂C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH₂NR³C(O)NR³R^{3a},
 10 C(=NR³)NR³R^{3a}, CH₂C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a},
 CH₂NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a},
 NR³SO₂NR³R^{3a}, CH₂NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
 CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, CH₂NR³SO₂CF₃,
 NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃,
 15 S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl,
 CH₂S(O)_p-phenyl, CF₃, and CH₂-CF₃;
- R^{4c}, at each occurrence, is selected from =O, (CR³R^{3a})_rOR²,
 (CR³R^{3a})_rF, (CR³R^{3a})_rBr, (CR³R^{3a})_rCl, (CR³R^{3a})_rCF₃, C₁₋₄
 20 alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, (CR³R^{3a})_rCN,
 (CR³R^{3a})_rNO₂, (CR³R^{3a})_rNR²R^{2a}, (CR³R^{3a})_rN(→O)R²R^{2a},
 (CR³R^{3a})_rC(O)R^{2c}, (CR³R^{3a})_rNR²C(O)R^{2b},
 (CR³R^{3a})_rC(O)NR²R^{2a}, (CR³R^{3a})_rNR²C(O)NR²R^{2a},
 (CR³R^{3a})_rSO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂NR²R^{2a},
 25 (CR³R^{3a})_rNR²SO₂R^{5a}, (CR³R^{3a})_rS(O)_pR^{5a}, (CF₂)_rCF₃,
 (CR³R^{3a})_rC₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and
 (CR³R^{3a})_r5-10 membered heterocycle substituted with 0-2
 R^{4b} and consisting of carbon atoms and from 1-4
 heteroatoms selected from the group consisting of N,
 30 O, and S(O)_p;

R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c},
 5 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH(=NOR^{3d}), C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, NR³SO₂-phenyl, S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted
 10 with 0-2 R⁶, and benzyl substituted with 0-2 R⁶;

R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a},
 15 CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, NR²C(O)NR²R^{2a}, C(=NH)NH₂, NHC(=NH)NH₂, SO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, and NR²SO₂C₁₋₄ alkyl; and,

r, at each occurrence, is selected from 0, 1, 2, and 3.
 20

[10] In another preferred embodiment, the present invention provides a novel compound, wherein:

25 ring M, including M₁, M₂, and, if present, M₃, is selected from phenyl, pyrrole, furan, thiophene, pyrazole, imidazole, isoxazole, oxazole, isothiazole, thiazole, 1,2,3-triazole, 1,2,4-triazole, 1,3,4-triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,3,4-thiadiazole,
 30 1,2,3,4-tetrazole, 1,2,3,5-tetrazole, pyran, thiopyran, thiopyran-1,1-dioxide, pyridine, pyrimidine, pyridazine, pyrazine, 1,2,3-triazine, 1,2,4-triazine, 1,2,3,4-tetrazine, dihydro-pyrrole,

dihydro-furan, dihydro-thiophene, dihydro-pyrazole,
dihydro-imidazole, dihydro-isoxazole, dihydro-oxazole,
dihydro-isothiazole, dihydro-thiazole, dihydro-1,2,3-
5 triazole, dihydro-1,2,4-triazole, dihydro-1,3,4-
triazole, dihydro-1,2,3-oxadiazole, dihydro-1,2,4-
oxadiazole, dihydro-1,3,4-oxadiazole, dihydro-1,2,3-
thiadiazole, dihydro-1,2,4-thiadiazole, dihydro-1,3,4-
thiadiazole, dihydro-1,2,3,4-tetrazole, dihydro-
1,2,3,5-tetrazole, dihydro-pyran, dihydro-thiopyran,
10 dihydro-thiopyran-1,1-dioxide, dihydro-pyridine,
dihydro-pyrimidine, dihydro-pyridazine, dihydro-
pyrazine, dihydro-1,2,3-triazine, dihydro-1,2,4-
triazine, dihydro-1,2,3,4-tetrazine, cyclopropane,
cyclobutane, cyclopentene, cyclopentane, cyclohexene,
15 cyclohexane, cycloheptane, tetrahydro-pyrrole,
tetrahydro-furan, tetrahydro-thiophene, tetrahydro-
thiophene-1,1-dioxide, tetrahydro-pyrazole,
tetrahydro-imidazole, tetrahydro-isoxazole,
tetrahydro-oxazole, tetrahydro-isothiazole,
20 tetrahydro-thiazole, tetrahydro-1,2,3-triazole,
tetrahydro-1,2,4-triazole, tetrahydro-1,3,4-triazole,
tetrahydro-1,2,3-oxadiazole, tetrahydro-1,2,4-
oxadiazole, tetrahydro-1,3,4-oxadiazole, tetrahydro-
1,2,3-thiadiazole, tetrahydro-1,2,4-thiadiazole,
25 tetrahydro-1,3,4-thiadiazole, tetrahydro-1,2,3,4-
tetrazole, tetrahydro-1,2,3,5-tetrazole, tetrahydro-
pyran, tetrahydro-thiopyran, tetrahydro-thiopyran-1,1-
dioxide, tetrahydro-pyridine, tetrahydro-pyrimidine,
tetrahydro-pyridazine, tetrahydro-pyrazine,
30 tetrahydro-1,2,3-triazine, tetrahydro-1,2,4-triazine,
tetrahydro-1,2,3,4-tetrazine, piperidine, indan,
isothiazolidine 1,1-dioxide, [1,2]thiazinane 1,1-
dioxide, 1,2,3,4-tetrahydro-naphthalene, 7,8-dimethyl-
1-oxa-spiro[4.4]nonane, 6,7-dihydro-5H-[1]pyrindine,
35 6,7-dihydro-5H-[2]pyrindine, 5,6,7,8-tetrahydro-
quinoline, 5,6,7,8-tetrahydro-isoquinoline, 5,6,7,8-

tetrahydro-quinoxaline, 6,7-dihydro-5H-cyclopentapyrazine, 4,5,6,7-tetrahydro-1H-benzoimidazole, 4,5,6,7-tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-benzooxazole, 4,5,6,7-tetrahydro-benzo[c]isothiazole, 4,5,6,7-tetrahydro-benzo[c]isoxazole, 4,5,6,7-tetrahydro-2H-indazole, 4,5,6,7-tetrahydro-2H-isoindole, 4,5,6,7-tetrahydro-1H-indole, 5,6,7,8-tetrahydro-tetrazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine, 4,5,6,7-tetrahydro-pyrazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-[1,2,4]triazolo[1,5-a]pyridine, 6,7-dihydro-5H-pyrrolo[1,2-c]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-b][1,2,4]triazole, 6,7-dihydro-5H-pyrrolotetrazole, 5,6-dihydro-4H-pyrrolo[1,2-b]pyrazole, 5,6-dihydro-4H-cyclopenta[d]isoxazole, 5,6-dihydro-4H-cyclopentaoxazole, 5,6-dihydro-4H-cyclopenta[c]isoxazole, 5,6-dihydro-4H-cyclopenta[d]isothiazole, 5,6-dihydro-4H-cyclopentathiazole, 5,6-dihydro-4H-cyclopenta[c]isothiazole, 1,4,5,6-tetrahydro-cyclopentapyrazole, 1,4,5,6-tetrahydro-cyclopentaimidazole, 2,4,5,6-tetrahydro-cyclopentapyrazole, 5,6-dihydro-4H-cyclopenta[1,2,5]thiadiazole, 5,6-dihydro-4H-cyclopenta[1,2,5]oxadiazole, 5,6-dihydro-4H-cyclopenta[c]furan, 2,4,5,6-tetrahydro-cyclopenta[c]pyrrole, 5,6-dihydro-4H-cyclopenta[b]furan, 5,6-dihydro-4H-cyclopenta[c]thiophene, 5,6-dihydro-4H-cyclopenta[b]furan, 5,6-dihydro-4H-cyclopenta[b]thiophene, 1,4,5,6-tetrahydro-cyclopenta[b]pyrrole, 2,3-dihydro-1H-indolizin-5-one, 6,7,8,9-tetrahydro-quinolizin-4-one, 1-oxa-spiro[4.4]nonane, 1-aza-spiro[4.4]nonane, 2-oxa-spiro[4.4]nonane, 2-aza-spiro[4.4]nonane, 1-aza-

spiro[4.5]decane, 1-oxa-spiro[4.5]decane, 2-oxa-spiro[4.5]decane, 2-aza-spiro[4.5]decane, 1-thia-spiro[4.4]nonane, 1-thia-spiro[4.5]decane, 2-thia-spiro[4.4]nonane, 2-thia-spiro[4.5]decane, 7-oxa-bicyclo[2.2.1]heptane, 2-oxa-bicyclo[2.2.1]heptane, 7-thia-bicyclo[2.2.1]heptane, 2-thia-bicyclo[2.2.1]heptane, 2-aza-bicyclo[2.2.1]heptane, 7-aza-bicyclo[2.2.1]heptane, 4,5,6,7-tetrahydro-benzo[d]isoxazole, 4,5,6,7-tetrahydro-benzooxazole, 4,5,6,7-tetrahydro-benzo[d]isothiazole, 4,5,6,7-tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-1H-indazole, 4,5,6,7-tetrahydro-benzo[c]thiophene, 4,5,6,7-tetrahydro-benzo[b]thiophene, 4,5,6,7-tetrahydro-isobenzofuran, 4,5,6,7-tetrahydro-benzofuran, 5,6,7,8-tetrahydro-quinoxaline, 6,7-dihydro-5H-cyclopentapyrazine, 5,6,7,8-tetrahydro-imidazo[1,5-a]pyridine, 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine, 5,6,7,8-tetrahydro-[1,2,4]triazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-tetrazolo[1,5-a]pyridine, 4,5,6,7-tetrahydro-pyrazolo[1,5-a]pyridine, 6,7-dihydro-5H-pyrrolo[1,2-a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-b][1,2,4]triazole, 5,6-dihydro-4H-pyrrolo[1,2-b]pyrazole, and 6,7-dihydro-5H-pyrrolotetrazole;

25

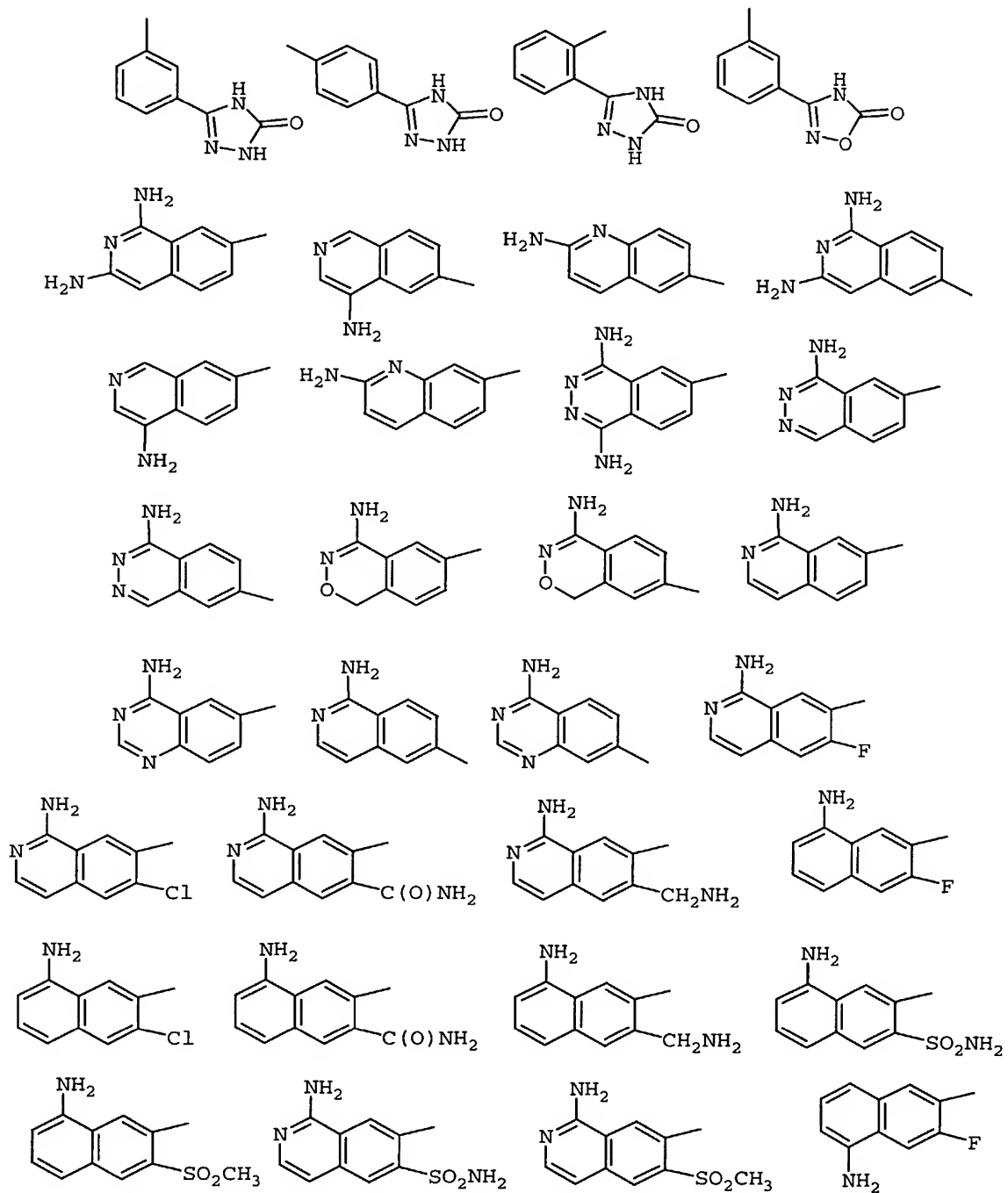
ring M is substituted with 0-3 R^{1a} and 0-1 carbonyl group;

G is selected from the group:

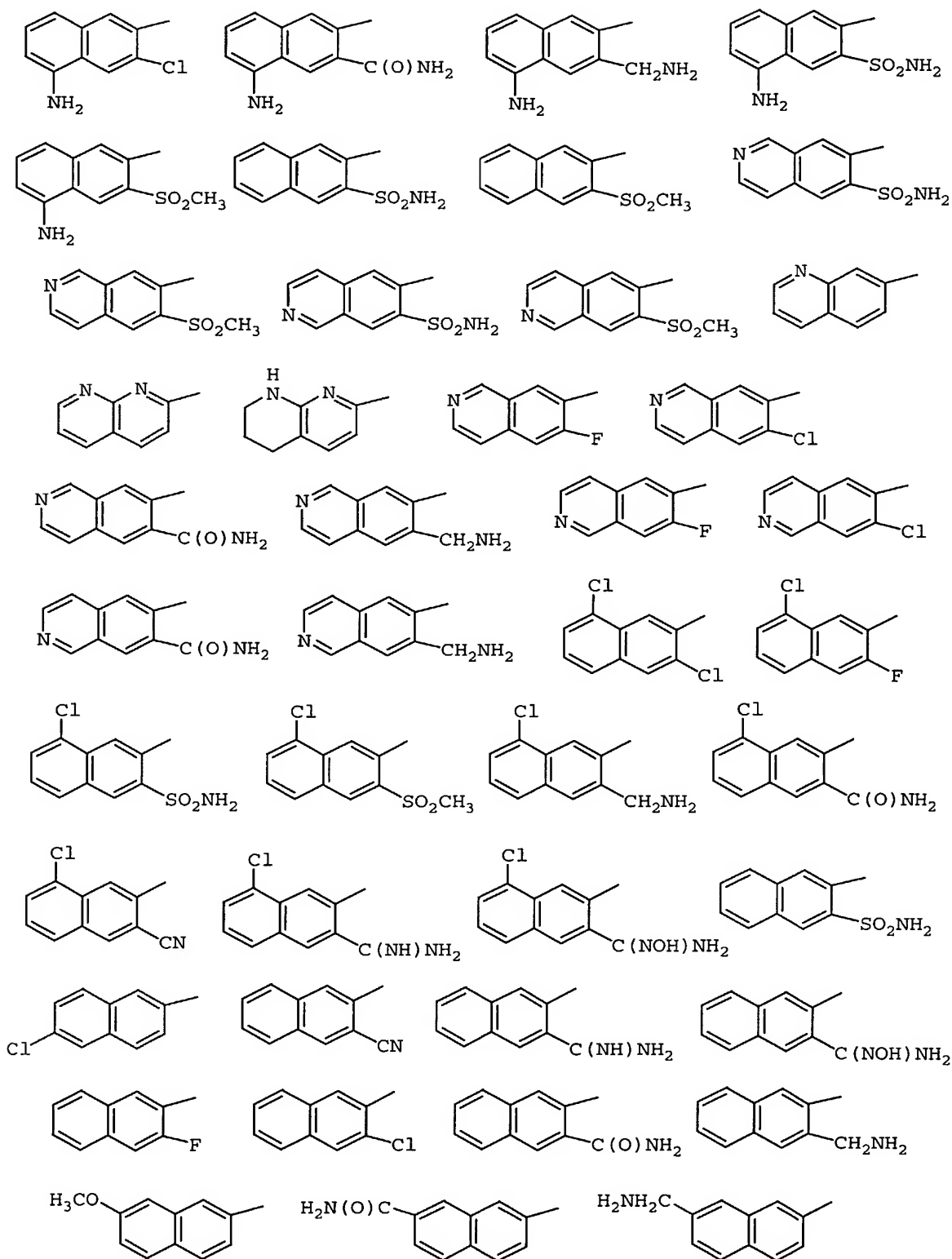
phenyl; 4-ethyl-phenyl; 2,5-bis-aminomethyl-phenyl;
30 2-amido-4-methoxy-phenyl; 2-amido-5-chloro-phenyl;
2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl;
2-aminomethyl-3-methoxy-phenyl;
2-aminomethyl-4-fluoro-phenyl;
2-aminomethyl-4-methoxy-phenyl;
35 2-aminomethyl-5-fluoro-phenyl;
2-aminomethyl-5-methoxy-phenyl;

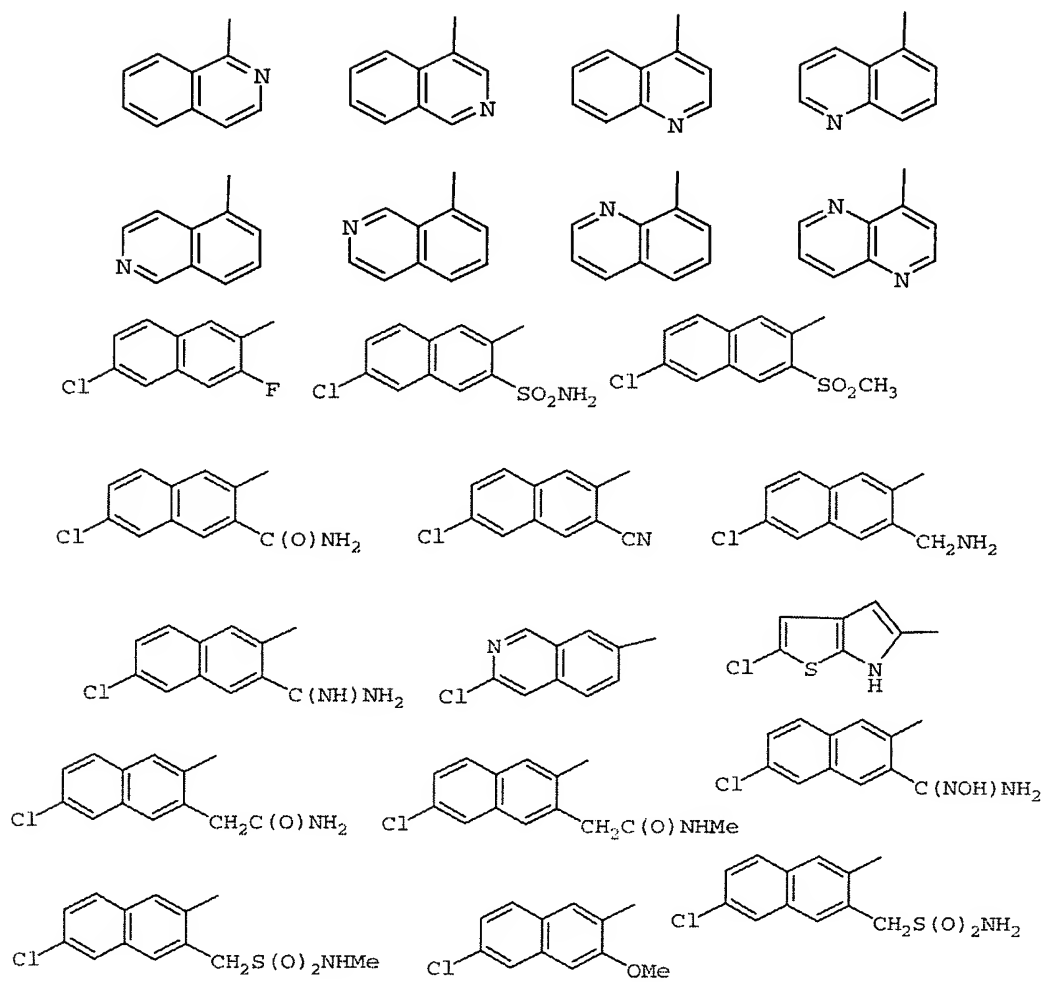
- 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
2-aminosulfonyl-phenyl; 2-hydroxy-4-methoxy-phenyl;
2-methylsulfonyl-phenyl;
- 5 3-(N,N-dimethylamino)-4-chloro-phenyl;
3-(N,N-dimethylamino)-phenyl; 3-(N-hydroxy-amidino)-phenyl;
3-(N-methoxy-amidino)-phenyl;
3-(N-methylamino)-4-chloro-phenyl;
3-(N-methylamino)-phenyl; 3-amidino-phenyl;
- 10 3-amido-6-hydroxy-phenyl; 3-amido-phenyl;
3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
3-amino-phenyl; 3-chloro-4-fluoro-phenyl; 3-chloro-phenyl;
3-hydroxy-4-methoxy-phenyl; 3,5-dichloro-thien-2-yl;
4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
- 15 4-(N-methylamino)-5-chloro-thien-2-yl;
4-amino-5-chloro-thien-2-yl; 4-amino-pyrid-2-yl;
4-chloro-3-fluoro-phenyl; 4-chloro-phenyl;
4-chloro-pyrid-2-yl; 4-methoxy-2-methylsulfonyl-phenyl;
4-methoxy-phenyl; 2-methoxy-pyrid-5-yl;
- 20 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
5-(N-methylamino)-4-chloro-thien-2-yl;
5-amino-4-chloro-thien-2-yl;
5-chloro-2-aminosulfonyl-phenyl;
5-chloro-2-methylsulfonyl-phenyl; 5-chloro-pyrid-2-yl;
- 25 5-chloro-thien-2-yl; 5-methoxy-thien-2-yl;
6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-
pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
2-aminomethyl-4-chloro-phenyl;
2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
- 30 4-chloro-2-methylsulfonyl-phenyl;
2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl;
4-fluoro-2-methylsulfonyl-phenyl;
2-aminomethyl-4-bromo-phenyl;
2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
- 35 4-bromo-2-methylsulfonyl-phenyl;
2-aminomethyl-4-methyl-phenyl;

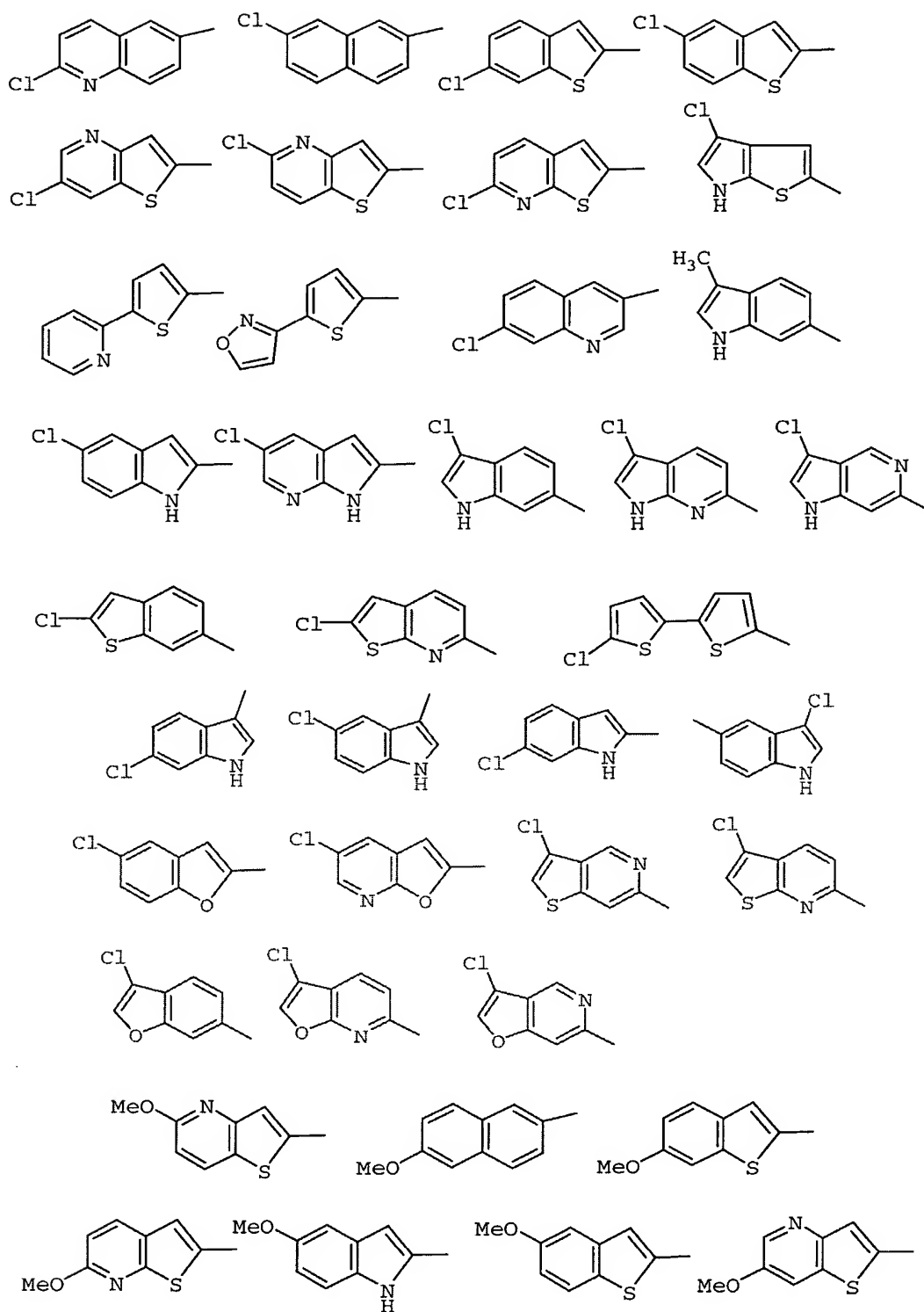
- 2-aminosulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl;
 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;
 4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl;
 5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;
 5 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;

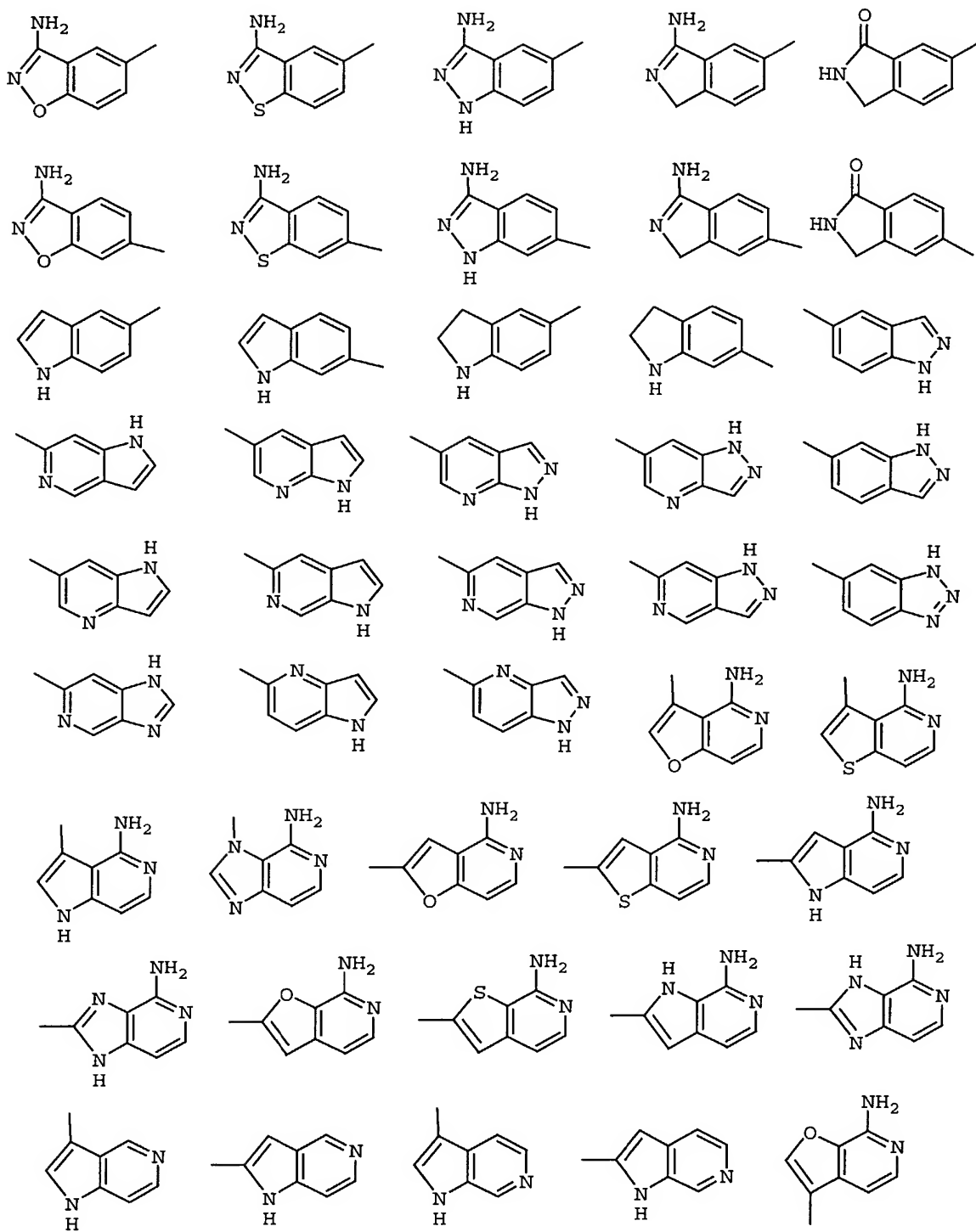


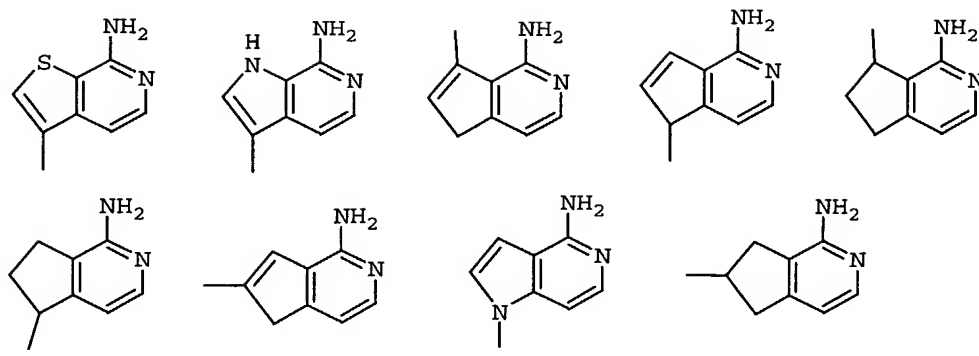
5











G_1 is absent or is selected from $(CR^3R^{3a})_{1-3}$, $CR^3=CR^3$,

$(CR^3R^{3a})_u C(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_u O(CR^3R^{3a})_w$,

5 $(CR^3R^{3a})_u NR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u S(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(O)(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u S(O)_2(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(O)NR^{3b}(CR^3R^{3a})_w$,

10 $(CR^3R^{3a})_u NR^{3b}S(O)_2(CR^3R^{3a})_w$, $(CR^3R^{3a})_u S(O)_2NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u C(O)NR^{3b}S(O)_2(CR^3R^{3a})_w$,

$(CR^3R^{3a})_u NR^{3b}C(S)(CR^3R^{3a})_u C(O)NR^{3b}(CR^3R^{3a})_w$, and

$(CR^3R^{3a})_u NR^{3b}C(O)(CR^3R^{3a})_u C(S)NR^{3b}(CR^3R^{3a})_w$, wherein u

+ w total 0, 1, or 2, provided that G_1 does not form a

15 N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to which it is attached;

A is selected from one of the following carbocycles and heterocycles which are substituted with 0-2 R⁴;

20 cyclohexyl, phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thienyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, 1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl,

25 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, 1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl,

1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl,
 1,3,4-triazolyl, benzofuranyl, benzothiofuranyl,
 indoliny, indolyl, benzimidazolyl, benzoxazolyl,
 benzthiazolyl, indazolyl, benzisoxazolyl,
 5 benzisothiazolyl, and isoindazolyl;

X is selected from $-(CR^2R^{2a})_{1-2}-$, $-C(O)-$, $-S(O)_2-$,
 $-NR^2S(O)_2-$, $-NR^2S(O)_2NR^2-$, $-NR^2C(O)-$, $-C(O)NR^2-$, NR^2 ,
 $-NR^2CR^2R^{2a}-$, $-CR^2R^{2a}NR^2-$, O, $-OCR^2R^{2a}-$, and $-CR^2R^{2a}O-$;

10

Y is a C_{3-6} monocyclic carbocycle or 5-6 membered monocyclic
 heterocycle, wherein the carbocycle or heterocycle
 consists of carbon atoms and 0-2 heteroatoms selected
 from N, O, and $S(O)_p$, the carbocycle or heterocycle
 15 further comprises 0-1 double bonds and 0-1 carbonyl
 groups, and the carbocycle or heterocycle is
 substituted with 0-2 R^4 ;

alternatively, Y is CY^1Y^2 , and Y^1 and Y^2 are independently
 20 C_{1-2} alkyl substituted with 0-1 R^4 ;

R^{1a} , at each occurrence, is selected from H, R^{1b} ,
 $CH(CH_3)R^{1b}$, $C(CH_3)_2R^{1b}$, CH_2R^{1b} , and $CH_2CH_2R^{1b}$, provided
 that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

25

alternatively, when two R^{1a} groups are attached to adjacent
 atoms or to the same carbon atom, together with the
 atoms to which they are attached, they form a 5-6
 membered ring consisting of: carbon atoms and 0-2
 30 heteroatoms selected from the group consisting of N,
 O, and $S(O)_p$, this ring being substituted with 0-2 R^{4b}
 and comprising: 0-3 double bonds;

R^{1b} is selected from H, CH_3 , CH_2CH_3 , F, Cl, Br, -CN, -CHO, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , $OC(O)R^2$, CO_2R^{2a} , $S(O)_pR^2$, $NR^2(CH_2)_rOR^2$, $NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

10

R^2 , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, phenyl substituted with 0-2 R^{4b} , benzyl substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

15

R^{2a} , at each occurrence, is selected from H, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, benzyl, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

20

R^{2b} , at each occurrence, is selected from CF_3 , C_{1-4} alkoxy, C_{1-5} alkyl substituted with 0-3 R^{4b} , benzyl, C_{3-6} carbocycle substituted with 0-2 R^{4b} , and 4-6 membered substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$;

25
30

R^{2c} , at each occurrence, is selected from CF_3 , OH, OCH_3 , OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,

CH(CH₃)₂, benzyl, phenyl substituted with 0-2 R^{4b}, and
5 5-6 membered aromatic heterocycle substituted with 0-2
R^{4b} and consisting of carbon atoms and from 1-4
heteroatoms selected from the group consisting of N,
O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom
to which they are attached, combine to form a 3-6
membered saturated, partially saturated or unsaturated
10 ring substituted with 0-2 R^{4b} and consisting of: 0-1
additional heteroatoms selected from the group
consisting of N, O, and S(O)_p;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl
15 substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted
with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with
0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2
R^{4c} and consisting of: carbon atoms and 1-4
heteroatoms selected from the group consisting of N,
20 O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle
substituted with 0-2 R^{4c} and consisting of: carbon
atoms and 1-4 heteroatoms selected from the group
consisting of N, O, and S(O)_p, provided that R^{2d} forms
other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-
25 S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl
substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted
with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with
30 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2
R^{4c} consisting of: carbon atoms and 1-4 heteroatoms
selected from the group consisting of N, O, and S(O)_p,
and -(CR³R^{3a})-5-6 membered heterocycle substituted with
0-2 R^{4c} and consisting of: carbon atoms and 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

5 R⁴, at each occurrence, is selected from H, (CH₂)₂OR², CH₂OR², OR², F, Cl, Br, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, CF₃, and
10 CF₂CF₃;

R^{4a} is selected from -(CR³R^{3g})_r-5-6 membered carbocycle substituted with 0-3 R^{4c}, -(CR³R^{3g})_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
15 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)R^{2e}, (CR³R^{3g})_r-C(O)R^{2e}, (CR³R^{3g})_r-OC(O)R^{2e}, (CR³R^{3g})_r-C(O)NR^{2d}R^{2d},
20 (CR³R^{3g})_r-C(O)OR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)OR^{2d}, (CR³R^{3g})_r-SO₂NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}SO₂R^{2d}, and (CR³R^{3g})_r-S(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

25 R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c}, CH₂-C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a}, CH₂-C(O)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
30 CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CH₂S(O)_p-phenyl, and CF₃;

R^{4c} , at each occurrence, is selected from =O, OR^2 ,
 $(CR^3R^{3a})OR^2$, F, $(CR^3R^{3a})F$, Br, $(CR^3R^{3a})Br$, Cl,
 $(CR^3R^{3a})Cl$, CF_3 , $(CR^3R^{3a})CF_3$, C_{1-4} alkyl, C_{2-3} alkenyl,
 C_{2-3} alkynyl, -CN, $(CR^3R^{3a})CN$, NO_2 , $(CR^3R^{3a})NO_2$, NR^2R^{2a} ,
 $(CR^3R^{3a})NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $(CR^3R^{3a})N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$,
 $(CR^3R^{3a})C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $(CR^3R^{3a})NR^2C(O)R^{2b}$,
 $C(O)NR^2R^{2a}$, $(CR^3R^{3a})C(O)NR^2R^{2a}$, $NR^2C(O)NR^2R^{2a}$,
 $(CR^3R^{3a})NR^2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $(CR^3R^{3a})SO_2NR^2R^{2a}$,
 $NR^2SO_2NR^2R^{2a}$, $(CR^3R^{3a})NR^2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$,
 $(CR^3R^{3a})NR^2SO_2R^{5a}$, $S(O)_pR^{5a}$, $(CR^3R^{3a})S(O)_pR^{5a}$, CF_3 ,
 CF_2CF_3 , C_{3-10} carbocycle substituted with 0-2 R^{4b} ,
 $(CR^3R^{3a})C_{3-10}$ carbocycle substituted with 0-2 R^{4b} , 5-10
 membered heterocycle substituted with 0-2 R^{4b} and
 consisting of carbon atoms and from 1-4 heteroatoms
 selected from the group consisting of N, O, and $S(O)_p$,
 and (CR^3R^{3a}) 5-10 membered heterocycle substituted with
 0-2 R^{4b} and consisting of carbon atoms and from 1-4
 heteroatoms selected from the group consisting of N,
 O, and $S(O)_p$;

R^5 , at each occurrence, is selected from H, =O, CH_3 , CH_2CH_3 ,
 $CH_2CH_2CH_3$, $CH(CH_3)_2$, OR^3 , CH_2OR^3 , F, Cl, -CN, NO_2 ,
 NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $CH_2C(O)R^3$, $C(O)OR^{3c}$,
 $CH_2C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$,
 $NR^3SO_2-C_{1-4}$ alkyl, $NR^3SO_2CF_3$, NR^3SO_2 -phenyl, $S(O)_pCF_3$,
 $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, CF_3 , phenyl substituted
 with 0-2 R^6 , naphthyl substituted with 0-2 R^6 , and
 benzyl substituted with 0-2 R^6 ;

30

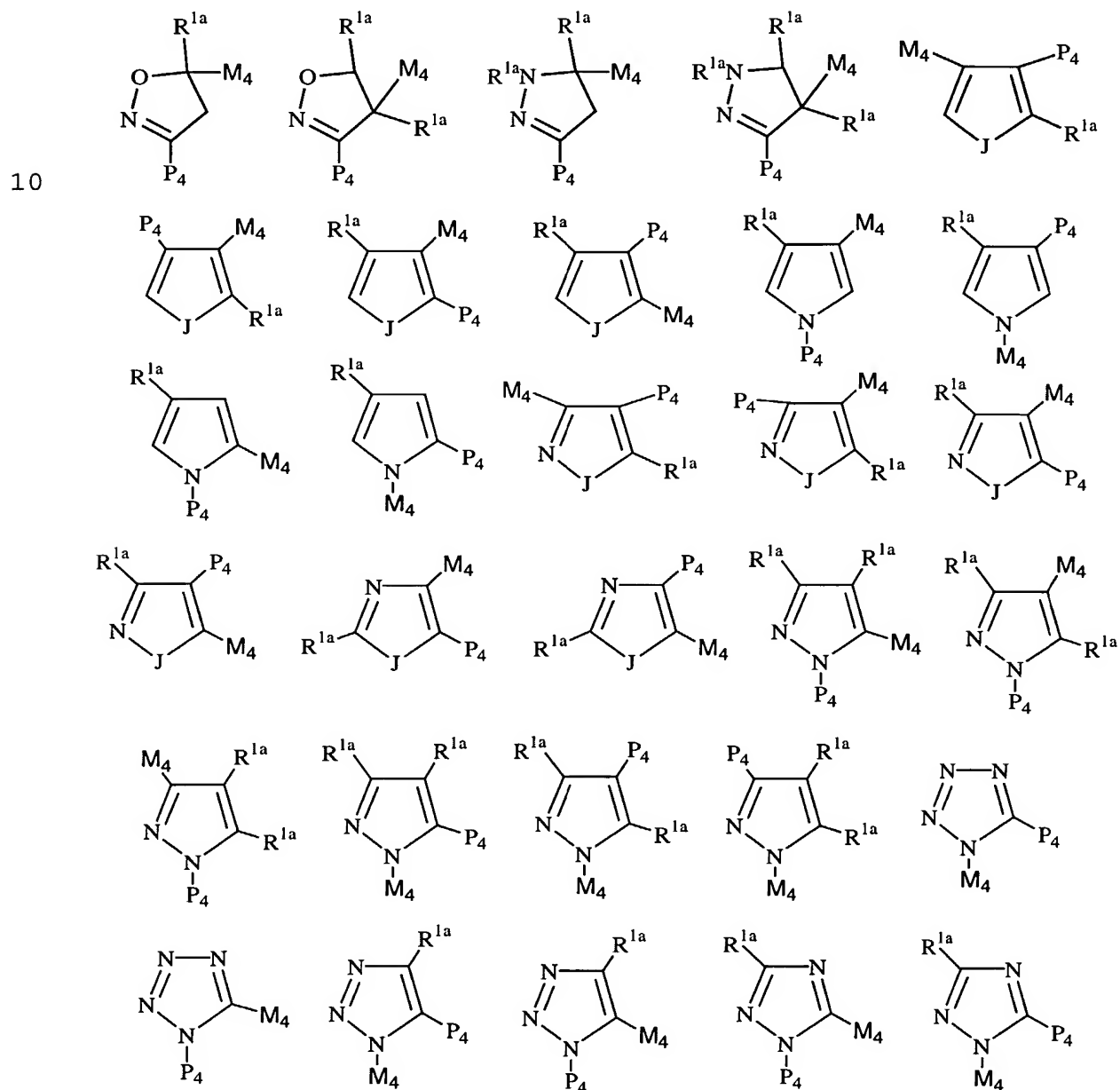
R^6 , at each occurrence, is selected from H, OH, OR^2 , F, Cl,
 CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, -CN, NO_2 , NR^2R^{2a} ,

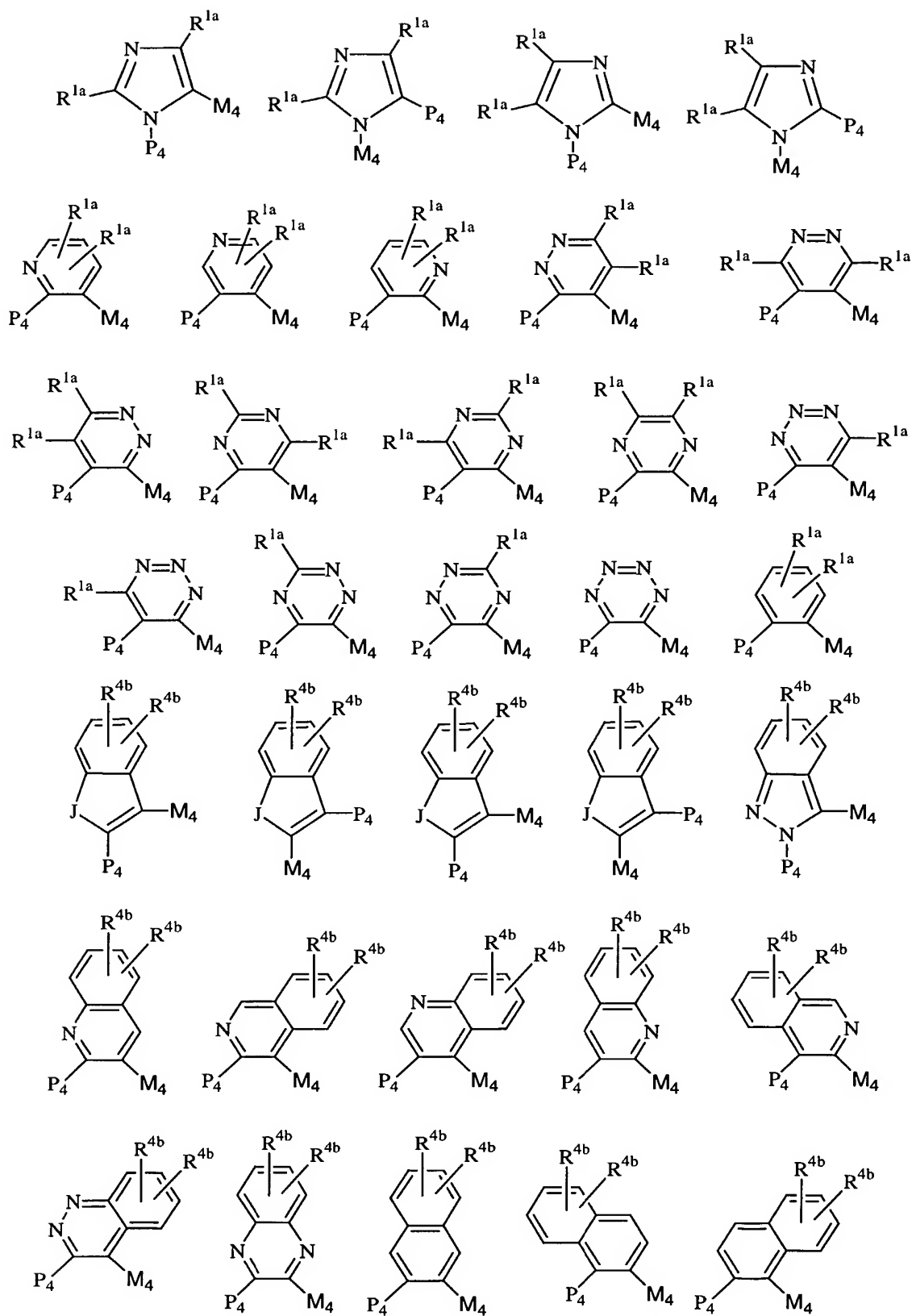
$\text{CH}_2\text{NR}^2\text{R}^{2a}$, $\text{C}(\text{O})\text{R}^{2b}$, $\text{CH}_2\text{C}(\text{O})\text{R}^{2b}$, $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$,
and $\text{NR}^2\text{SO}_2\text{C}_{1-4}$ alkyl; and,

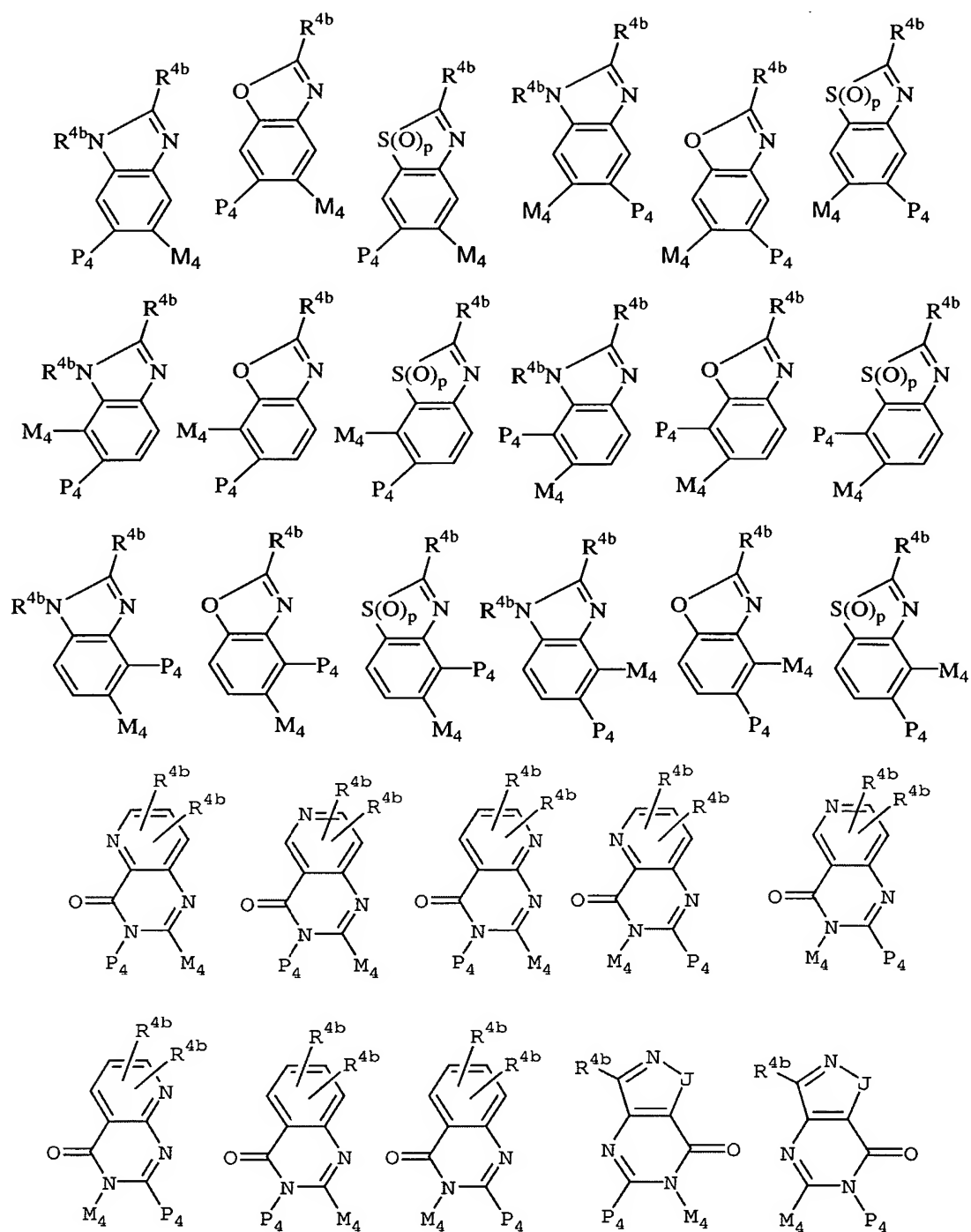
r, at each occurrence, is selected from 0, 1, and 2.

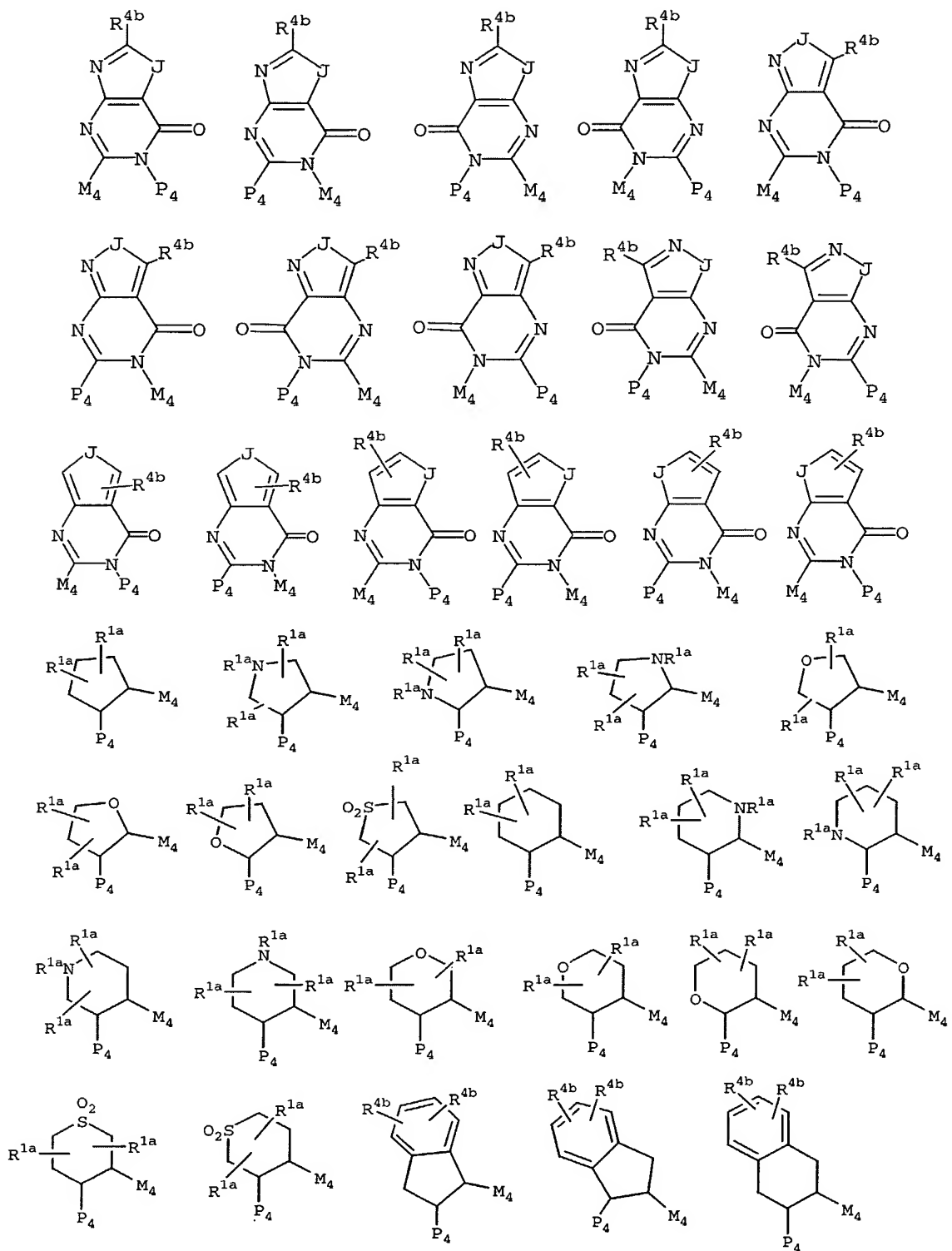
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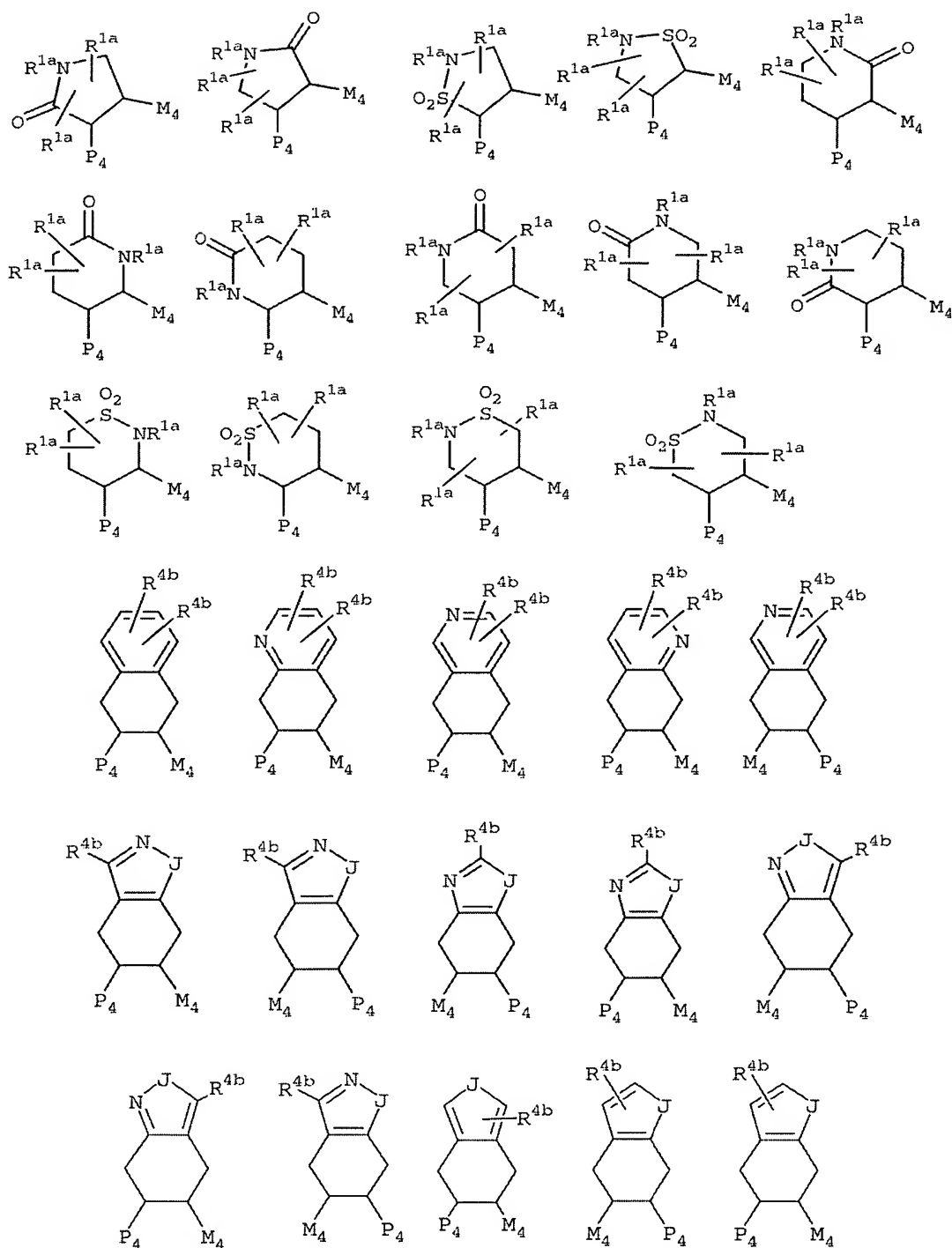
[11] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is selected from:

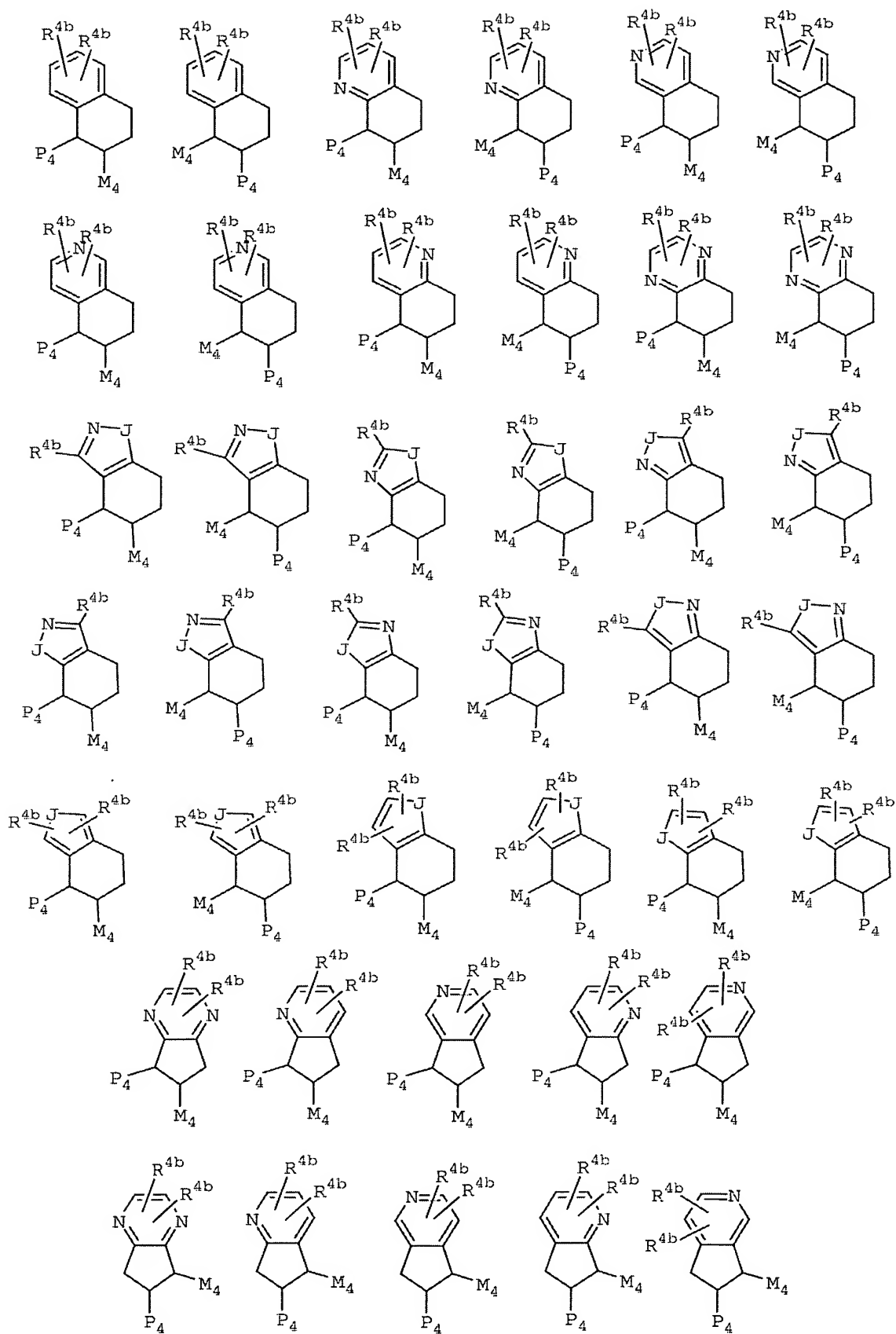


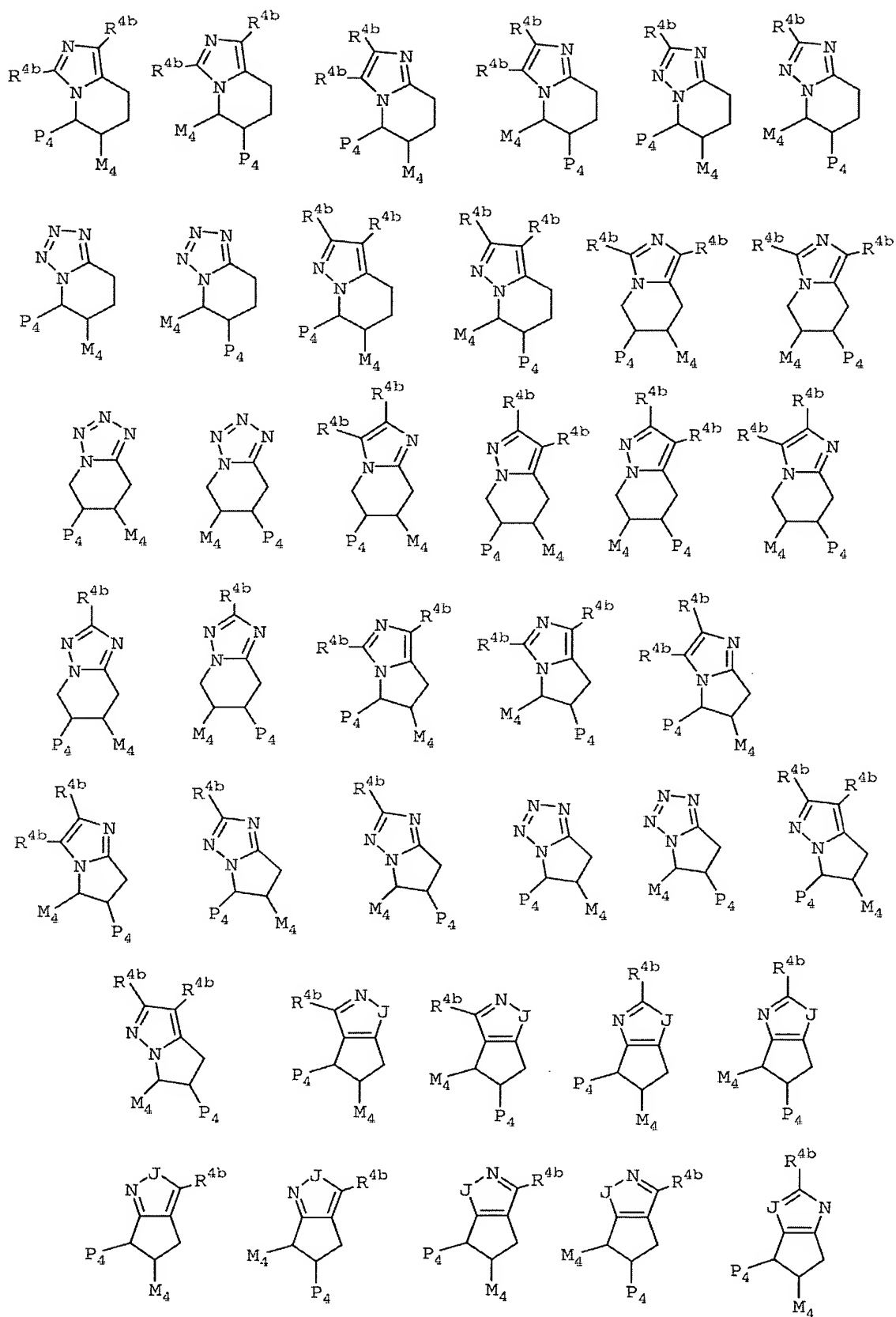


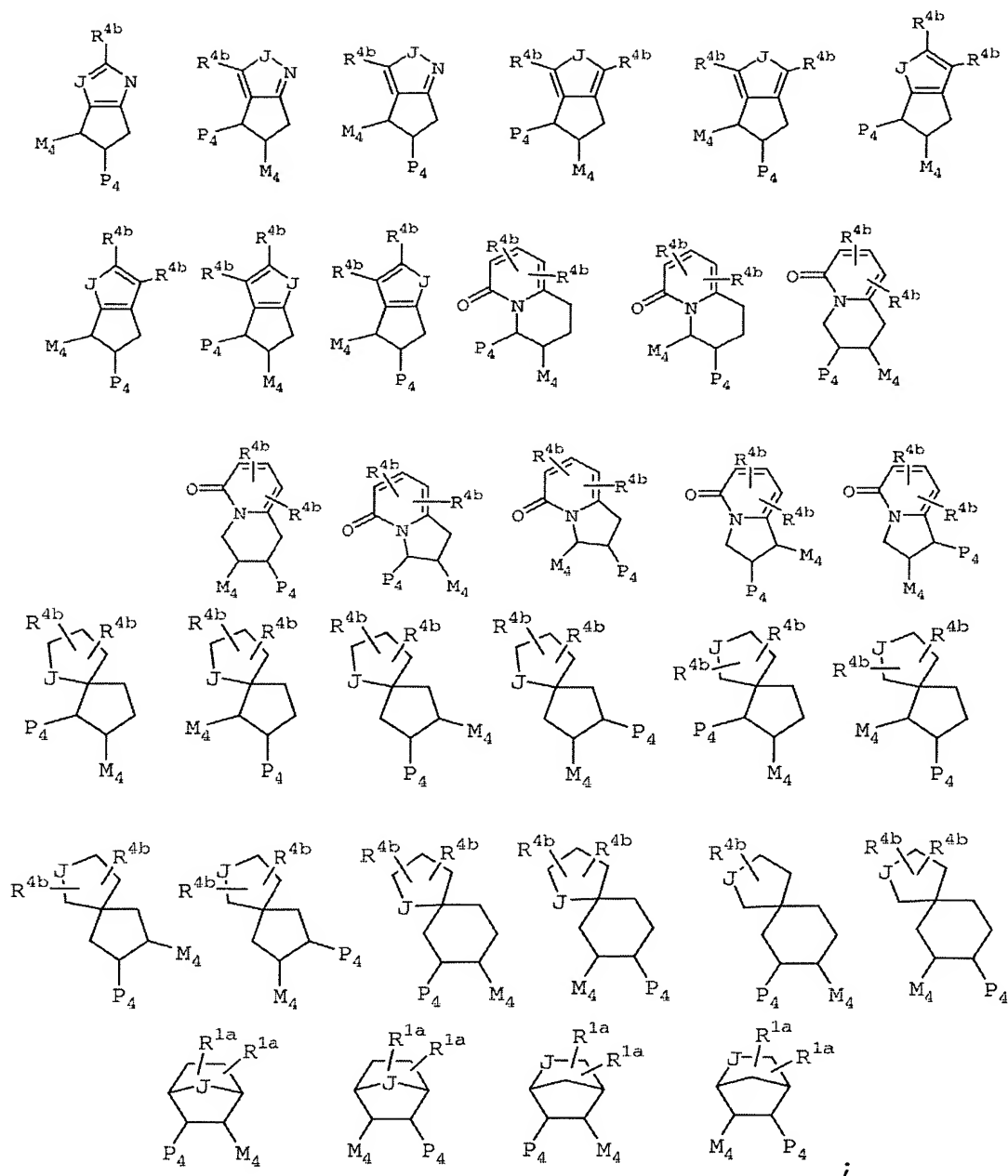










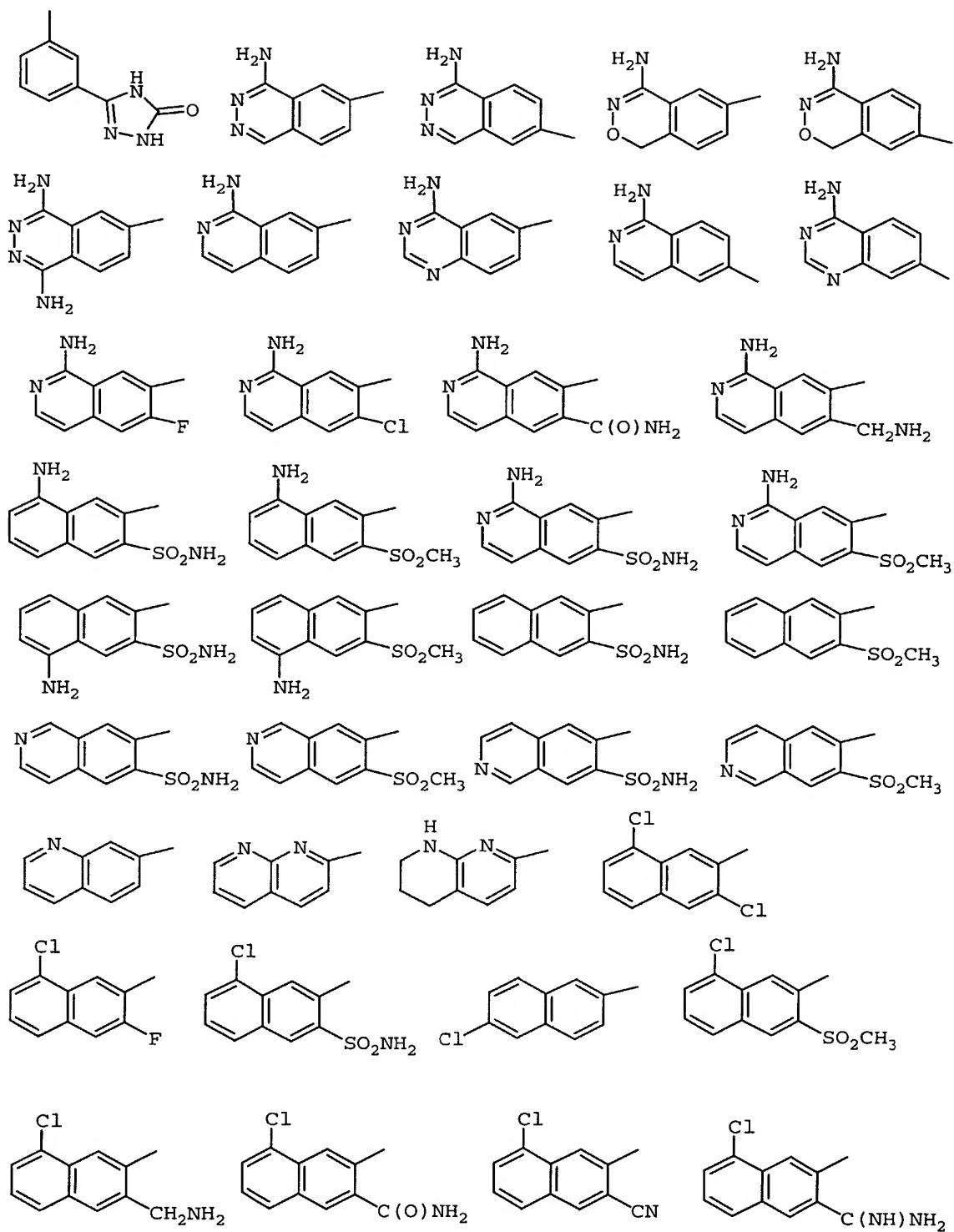


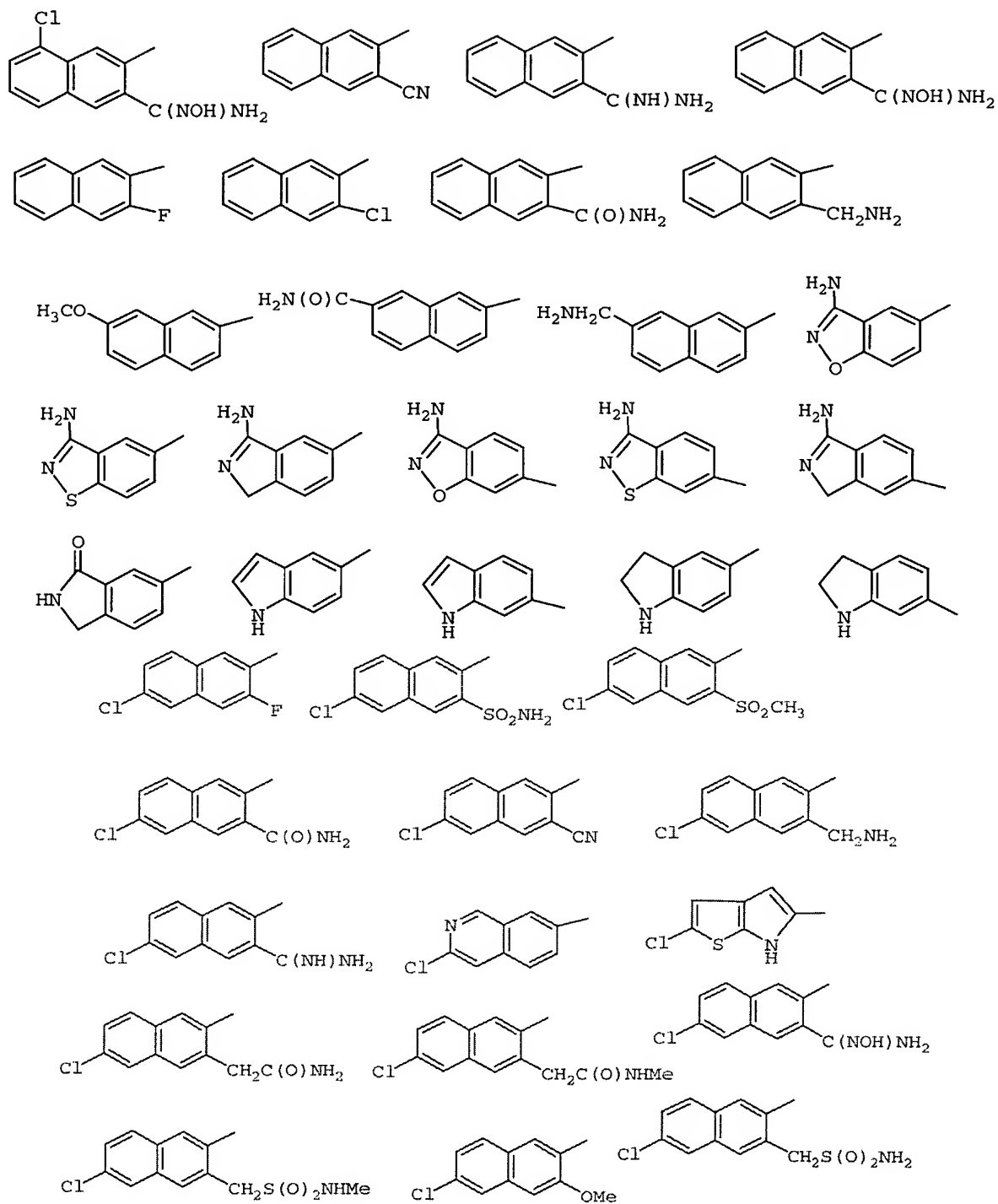
5 J is selected from O, S, NH, and NR^{1a};

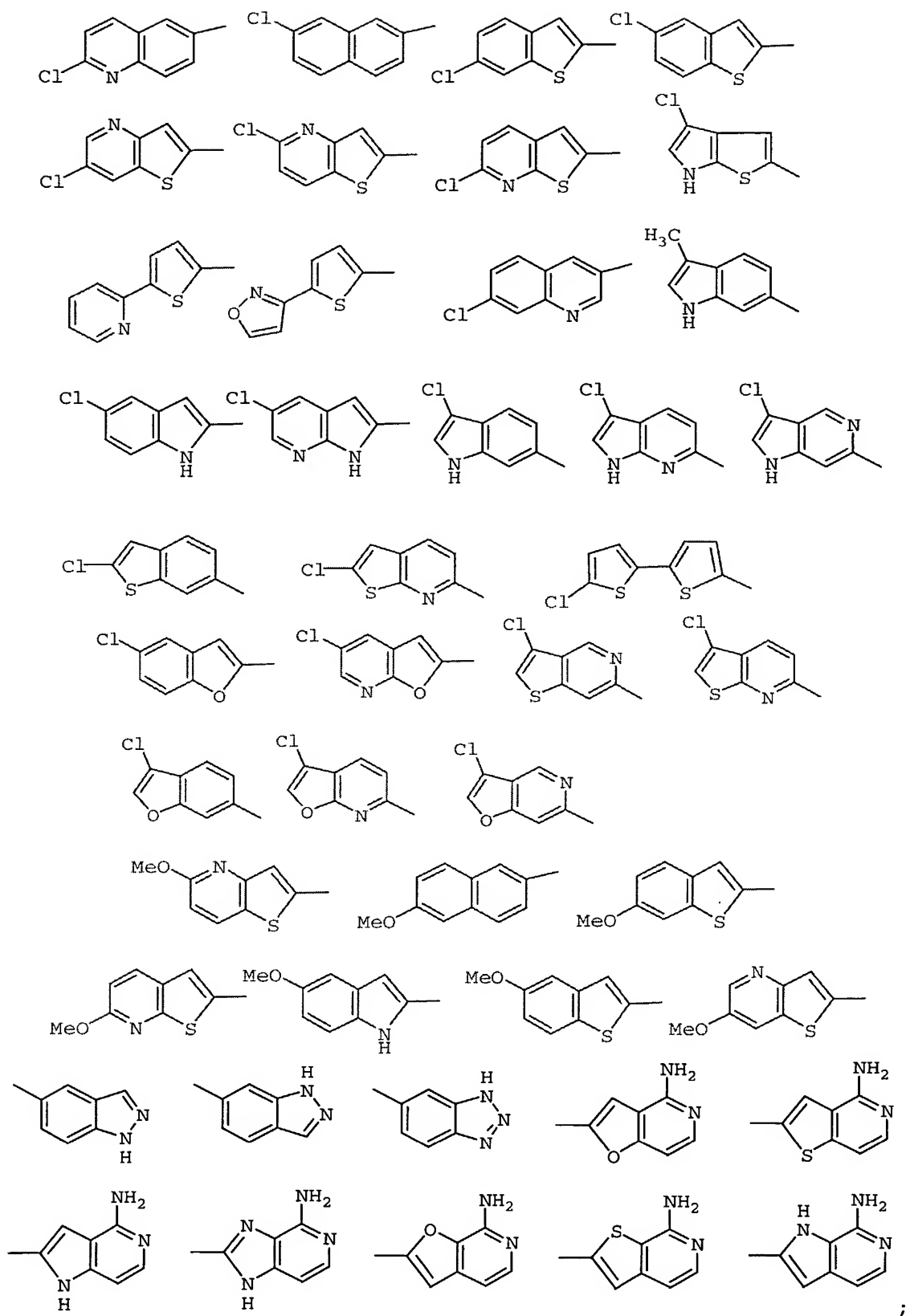
G is selected from the group:

- 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
- 2-aminomethyl-3-fluoro-phenyl;
- 10 2-aminomethyl-4-fluoro-phenyl;
- 2-aminomethyl-4-methoxy-phenyl;
- 2-aminomethyl-5-fluoro-phenyl;
- 2-aminomethyl-5-methoxy-phenyl;

- 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
2-aminosulfonyl-phenyl; 2-methylsulfonyl-phenyl;
3-(N,N-dimethylamino)-4-chloro-phenyl;
5 3-(N,N-dimethylamino)-phenyl;
3-(N-methylamino)-4-chloro-phenyl;
3-(N-methylamino)-phenyl; 3-amido-phenyl;
3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
3-amino-phenyl; 3-chloro-phenyl; 3,5-dichloro-thien-2-yl;
10 4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
4-(N-methylamino)-5-chloro-thien-2-yl;
4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl;
4-methoxy-2-methylsulfonyl-phenyl; 4-methoxy-phenyl;
5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
15 5-(N-methylamino)-4-chloro-thien-2-yl;
5-amino-4-chloro-thien-2-yl; 5-chloro-pyrid-2-yl;
5-chloro-thien-2-yl; 5-methoxy-thien-2-yl;
6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-
pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
20 2-aminomethyl-4-chloro-phenyl;
2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
4-chloro-2-methylsulfonyl-phenyl;
2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl;
4-fluoro-2-methylsulfonyl-phenyl;
25 2-aminomethyl-4-bromo-phenyl;
2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
4-bromo-2-methylsulfonyl-phenyl;
2-aminomethyl-4-methyl-phenyl;
2-aminosulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl;
30 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;
4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl;
5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;
5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;







- G_1 is absent or is selected from CH_2 , CH_2CH_2 , $CH=CH$, CH_2O , OCH_2 , NH , CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $C(O)NHS(O)_2$, $NHCOCONH$, $NHCOC(S)NH$, $NHC(S)CONH$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$,
5 provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;
- A is selected from cyclohexyl, indolinyl, piperidinyl, phenyl, pyridyl, and pyrimidyl, and is substituted
10 with 0-2 R^4 ;
- X is selected from CH_2 , $C(O)$, $-S(O)_2-$, $-NHC(O)-$, $-C(O)NH-$, $-CH_2NH-$, O, and $-CH_2O-$;
- 15 Y is selected from $C(CH_3)_2$, $C(CH_2CH_3)_2$, cyclopropyl, cyclobutyl, cyclopentyl, cyclopentanonyl, cyclohexyl, cyclohexanonyl, pyrrolidinyl, pyrrolidinonyl, piperidinyl, piperidinonyl, tetrahydrofuranyl, and tetrahydropyranyl, and, when Y is a ring, Y is
20 substituted with 0-1 R^4 ;
- R^{1a} , at each occurrence, is selected from H, R^{1b} , $CH(CH_3)R^{1b}$, $C(CH_3)_2R^{1b}$, and CH_2R^{1b} , provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;
25
- R^{1b} is selected from CH_3 , CH_2CH_3 , F, Cl, Br, $-CN$, CF_3 , OR^2 , NR^2R^{2a} , $C(O)R^{2b}$, CO_2R^{2b} , CO_2R^{2a} , $S(O)_pR^2$, $C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $NR^2SO_2R^2$, C_{3-6} carbocycle substituted with
30 0-2 R^{4b} , and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$ and substituted with 0-2 R^{4b} , provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

R², at each occurrence, is selected from H, CH₃, CH₂CH₃,
CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b},
benzyl substituted with 0-1 R^{4b}, and 5-6 membered
aromatic heterocycle substituted with 0-1 R^{4b} and
5 consisting of: carbon atoms and 1-4 heteroatoms
selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CH₃, CH₂CH₃,
CH₂CH₂CH₃, CH(CH₃)₂, cyclopropyl, benzyl, phenyl
10 substituted with 0-1 R^{4b}, and 5-6 membered aromatic
heterocycle substituted with 0-1 R^{4b} and consisting of:
carbon atoms and 1-4 heteroatoms selected from the
group consisting of N, O, and S(O)_p;

15 alternatively, R² and R^{2a}, together with the nitrogen atom
to which they are attached, combine to form a 3-6
membered saturated, partially saturated or unsaturated
ring substituted with 0-1 R^{4b} and consisting of: 0-1
additional heteroatoms selected from the group
20 consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃,
OCH₂CH₂CH₃, OCH(CH₃)₂, C₁₋₅ alkyl substituted with 0-3
R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b},
25 and 4-6 membered aromatic heterocycle substituted with
0-1 R^{4b} and consisting of: carbon atoms and 1-4
heteroatoms selected from the group consisting of N,
O, and S(O)_p;

30 R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃,
OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂,
benzyl, phenyl substituted with 0-1 R^{4b}, and 5-6
membered aromatic heterocycle substituted with 0-1 R^{4b}
and consisting of carbon atoms and from 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p;

5 R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

20 R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

30 R⁴, at each occurrence, is selected from OH, OR², CH₂OR², (CH₂)₂OR², F, Br, Cl, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, CF₃, and CF₂CF₃;

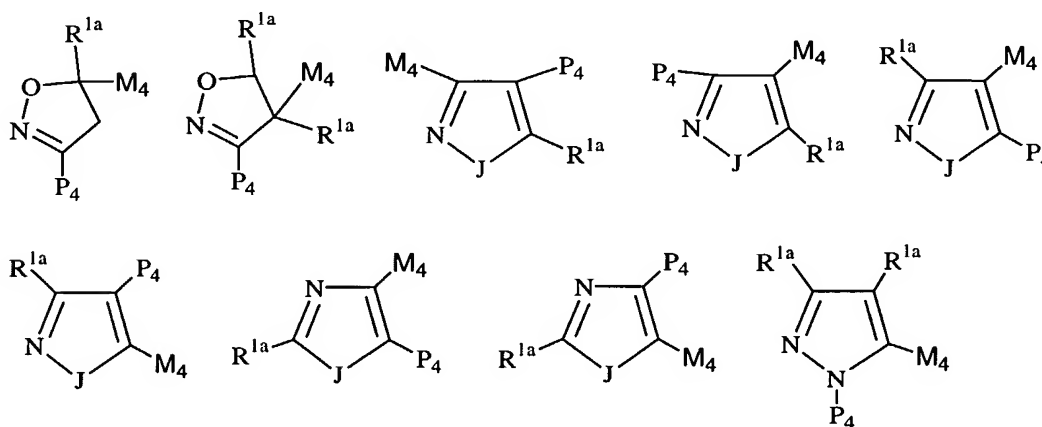
- R^{4a} is selected from $-(CR^3R^3g)_r$ -5-6 membered carbocycle substituted with 0-3 R^{4c} , $-(CR^3R^3g)_r$ -5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
- 5 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, $(CR^3R^3g)_rNR^{2d}R^{2d}$, $(CR^3R^3g)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CR^3R^3g)_rOR^{2d}$, $(CR^3R^3g)_r-C(O)NR^{2d}R^{2d}$, $(CR^3R^3g)_r-NR^{2d}C(O)R^{2e}$, $(CR^3R^3g)_r-C(O)R^{2e}$, $(CR^3R^3g)_r-NR^{2d}C(O)NR^{2d}R^{2d}$, $(CR^3R^3g)_r-NR^{2d}C(O)OR^{2d}$, $(CR^3R^3g)_r-NR^{2d}SO_2R^{2d}$, and $(CR^3R^3g)_r-S(O)_pR^{2d}$, provided that $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;
- R^{4b} , at each occurrence, is selected from H, $=O$, OR^3 ,
- 15 CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, $-CN$, NO_2 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$, $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$, $NR^3SO_2-C_{1-4}$ alkyl, NR^3SO_2 -phenyl, $S(O)_p-C_{1-4}$ alkyl, $S(O)_p$ -phenyl, and CF_3 ;
- R^{4c} , at each occurrence, is selected from $=O$, OR^2 , CH_2OR^2 ,
- 20 F, Br, Cl, CF_3 , CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, $CH(CH_3)_2$, C_{2-3} alkenyl, C_{2-3} alkynyl, $-CN$, NO_2 , NR^2R^{2a} , $CH_2NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$, $CH_2C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $CH_2NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$, $CH_2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $CH_2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$, $CH_2NR^2SO_2R^{5a}$, $S(O)_pR^{5a}$, $CH_2S(O)_pR^{5a}$, CF_3 , CF_2CF_3 , C_{3-6} carbocycle substituted with 0-2 R^{4b} , $(CH_2)C_{3-6}$ carbocycle substituted with 0-2 R^{4b} , 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms
- 25 and from 1-4 heteroatoms selected from the group consisting of N, O, and $S(O)_p$, and $(CH_2)5-6$ membered heterocycle substituted with 0-2 R^{4b} and consisting of
- 30

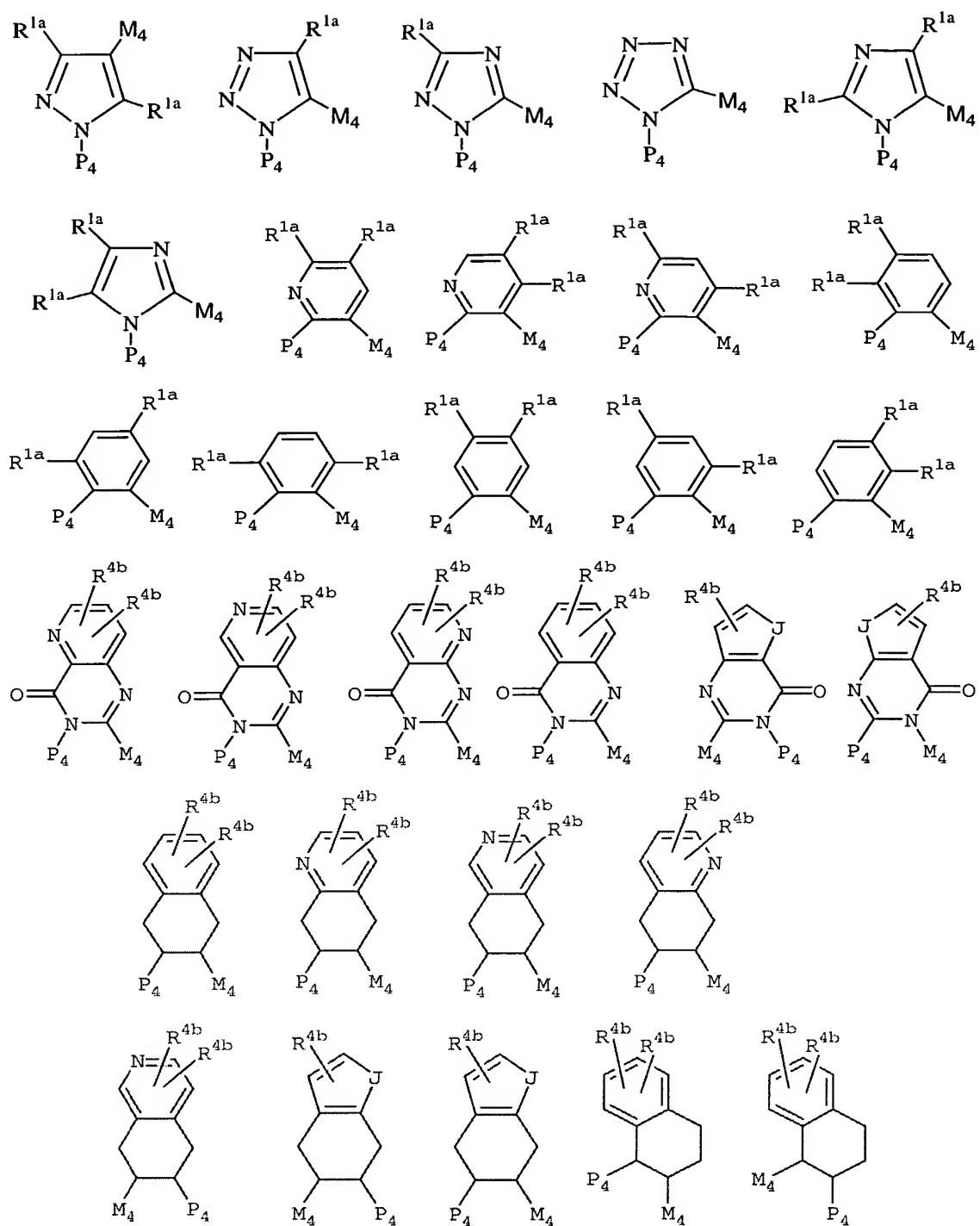
carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

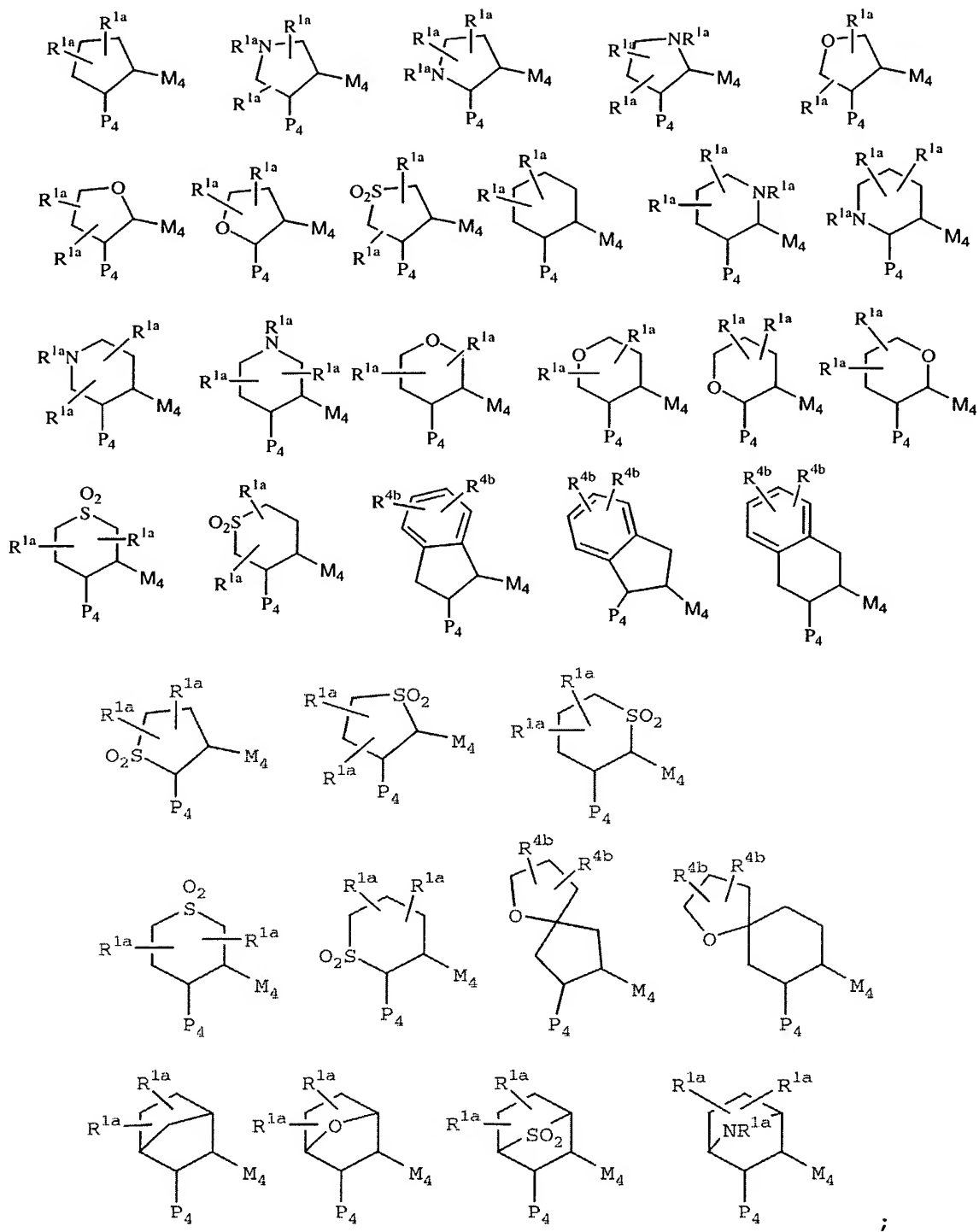
R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃,
 5 CH₂CH₂CH₃, CH(CH₃)₂, OR³, CH₂OR³, F, Cl, -CN, NO₂,
 NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a},
 C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl,
 S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted
 with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and
 10 benzyl substituted with 0-2 R⁶; and,

R⁶, at each occurrence, is selected from H, OH, OR², F, Cl,
 CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR²R^{2a},
 CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, and
 15 SO₂NR²R^{2a}.

[12] In another preferred embodiment, the present invention
 provides a novel compound, wherein the compound is selected
 20 from:







J is selected from O, S, NH, and NR^{1a};

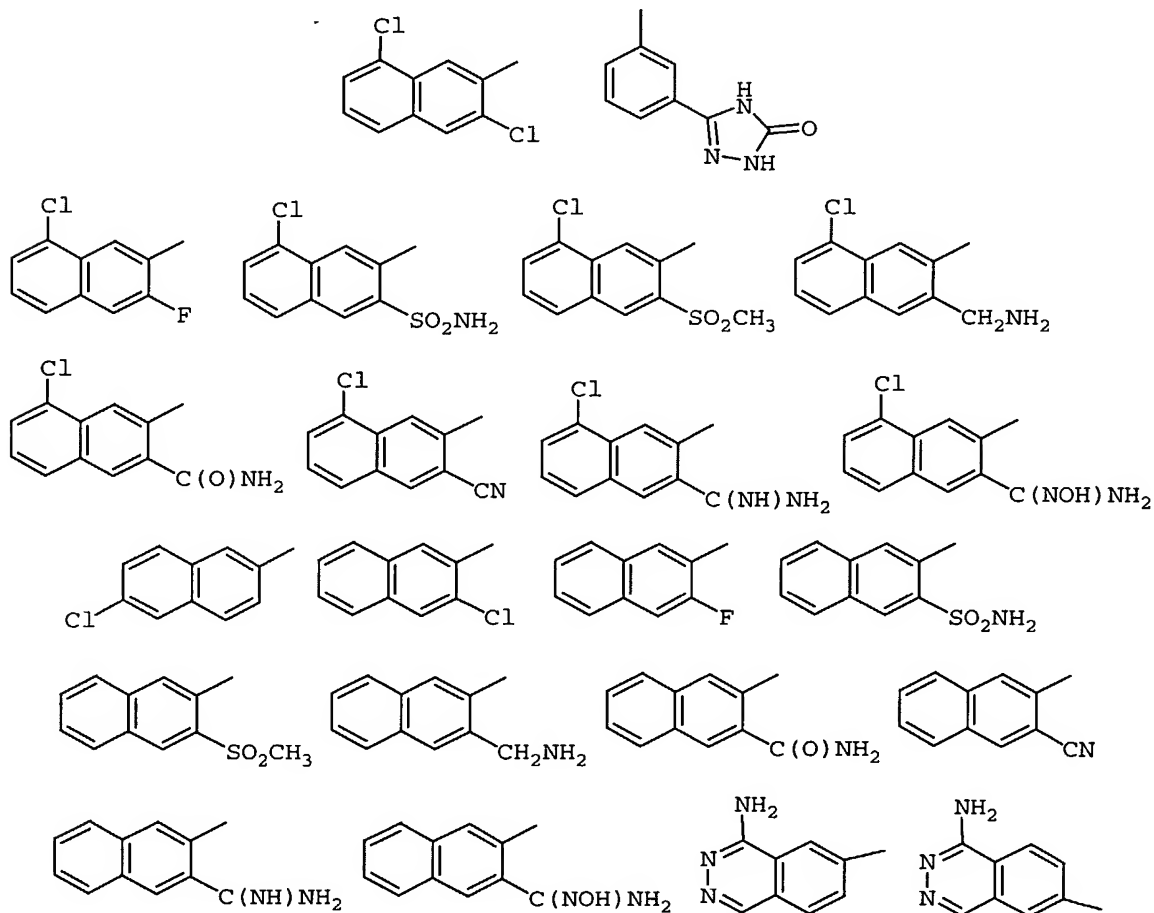
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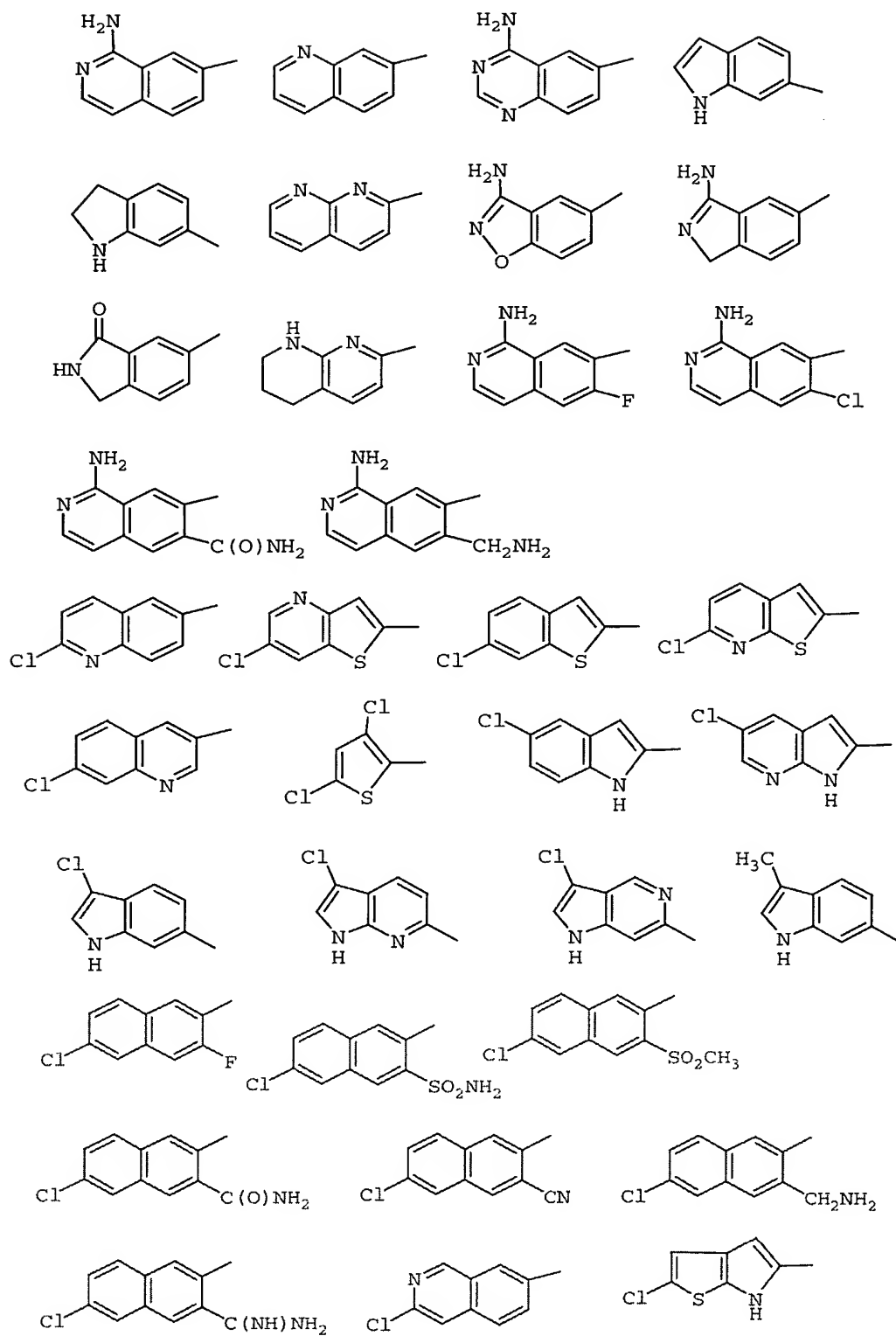
$$P_4 \text{ is } -G_1 - G;$$

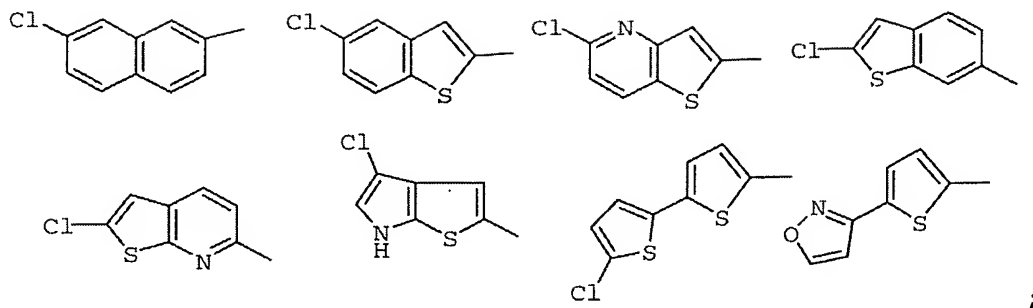
M_4 is -Z-A-B;

G is selected from:

- 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
 2-aminomethyl-3-fluoro-phenyl;
 5 2-aminomethyl-4-fluoro-phenyl;
 2-aminomethyl-5-fluoro-phenyl;
 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
 2-aminosulfonyl-phenyl; 3-amido-phenyl;
 10 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;
 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;
 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-
 pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
 15 2-aminomethyl-4-chloro-phenyl;
 2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
 4-chloro-2-methylsulfonyl-phenyl;







G_1 is absent or is selected from $CH=CH$, CH_2NH , $NHCH_2$, $CH_2C(O)$, $C(O)CH_2$, $C(O)NH$, $NHC(O)$, $NHC(O)NH$, $CH_2S(O)_2$, $S(O)_2(CH_2)$, SO_2NH , and $NHSO_2$, provided that G_1 does not form a N-S, NCH_2N , NCH_2O , or NCH_2S bond with either group to which it is attached;

A is selected from the group: cyclohexyl, indoliny, piperidiny, phenyl, 2-pyridyl, 3-pyridyl, 2-pyrimidyl, 2-Cl-phenyl, 3-Cl-phenyl, 2-F-phenyl, 3-F-phenyl, 2-methylphenyl, 2-aminophenyl, and 2-methoxyphenyl;

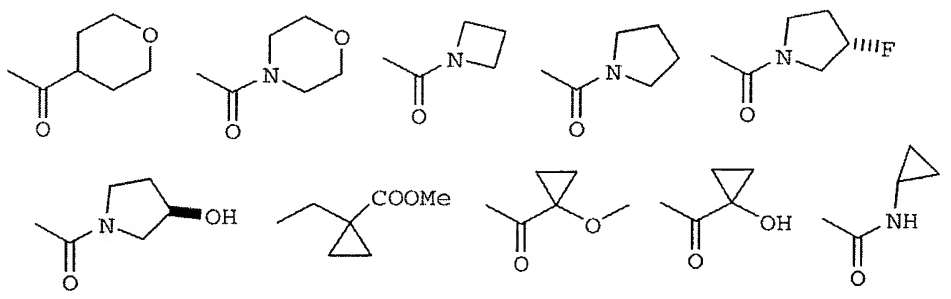
Y is selected from $C(CH_3)_2$, $C(CH_2CH_3)_2$, cyclopropyl, cyclobutyl, cyclopentyl, 2-cyclopentanonyl, cyclohexyl, 2-cyclohexanonyl, pyrrolidiny (attached to A and R^{4a} at the 2-position), pyrrolidiny (attached to A and R^{4a} at the 3-position), 2-pyrrolidinonyl (attached to A and R^{4a} at the 3-position), piperidiny (attached to A and R^{4a} at the 4-position), 4-piperidinonyl (attached to A and R^{4a} at the 3-position), tetrahydrofuranyl, and tetrahydropyranyl (attached to A and R^{4a} at the 4-position);

25

R^{1a} , at each occurrence, is selected from H, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$, CH_2F , CH_2Cl , Br, CH_2Br , $-CN$, CH_2CN , CF_3 , CH_2CF_3 , OCH_3 , CH_2OH , $C(CH_3)_2OH$, CH_2OCH_3 , $CH_2CH_2OCH_3$, NH_2 , CH_2NH_2 , $NHCH_3$, CH_2NHCH_3 , $N(CH_3)_2$, $CH_2N(CH_3)_2$, CO_2H ,

CH₂CO₂H, CH₂CH₂CO₂H, COCH₃, CO₂CH₃, CH₂CO₂CH₃, SCH₃,
CH₂SCH₃, S(O)CH₃, CH₂S(O)CH₃, S(O)₂CH₃, CH₂S(O)₂CH₃,
C(O)NH₂, CH₂C(O)NH₂, SO₂NH₂, CH₂SO₂NH₂, NHSO₂CH₃,
CH₂NHSO₂CH₃, COCH₂C(CH₃)₃, COCH₂OH, COCH₂OCH₃,
5 COC(CH₃)₂OH, COC(CH₃)₂CH₂OH, COC(CH₃)₂CH₂OCH₃,
C(O)OCH₂CH₂OCH₃, COCF₃, CO₂CH₂CH₃, CO₂CH(CH₃)₂,
CO₂C(CH₃)₃, CH₂CH₂CO₂CH₂CH₃, CONH(CH₃), CONH(CH₂CH₃),
CONHC(CH₃)₃, CON(CH₃)₂, CON(CH₃)(CH₂CH₃),
CON(CH₃)CH(CH₃)₂, CH₂CON(CH₃)₂, C(O)-phenyl, C(O)-
10 cyclopropyl, C(O)-cyclobutyl, C(O)-cyclopentyl,
pyridin-2-yl, pyridin-3-yl, pyridin-4-yl, pyridin-2-
yl-N-oxide, pyridin-3-yl-N-oxide, pyridin-4-yl-N-
oxide, imidazol-1-yl, CH₂-imidazol-1-yl, 4-methyl-
oxazol-2-yl, 4-N,N-dimethylaminomethyl-oxazol-2-yl,
15 1,2,3,4-tetrazol-1-yl, 1,2,3,4-tetrazol-5-yl, CH₂-
1,2,3,4-tetrazol-1-yl, and CH₂-1,2,3,4-tetrazol-5-yl,
provided that R^{1a} forms other than an N-halo, N-S, or
N-CN bond;

20 alternatively, R^{1a} is selected from:



R², at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b}, benzyl substituted with 0-1 R^{4b}, and 5 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CH₃, and CH₂CH₃;

5 alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group
10 consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

15 R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted
20 with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo,
25 S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted
30 with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p,

provided that R^{2e} forms other than a $C(O)$ -halo or $C(O)$ - $S(O)_p$ moiety;

- R^{4a} is selected from $-(CH_2)_r$ -5-6 membered carbocycle
 5 substituted with 0-3 R^{4c} , $-(CH_2)_r$ -5-6 membered
 heterocycle substituted with 0-3 R^{4c} and consisting of:
 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, $(CH_2)_rNR^{2d}R^{2d}$,
 $(CH_2)_rN(\rightarrow O)R^{2d}R^{2d}$, $(CH_2)_rOR^{2d}$, $(CH_2)_rC(O)NR^{2d}R^{2d}$,
 10 $(CH_2)_r-NR^{2d}C(O)R^{2e}$, $(CH_2)_r-C(O)R^{2e}$,
 $(CH_2)_r-NR^{2d}C(O)NR^{2d}R^{2d}$, $(CH_2)_r-NR^{2d}C(O)OR^{2d}$,
 $(CH_2)_r-NR^{2d}SO_2R^{2d}$, and $(CH_2)_r-S(O)_pR^{2d}$, provided that
 $S(O)_pR^{2d}$ forms other than $S(O)_2H$ or $S(O)H$;
- 15 R^{4b} , at each occurrence, is selected from H, $=O$, OR^3 ,
 CH_2OR^3 , F, Cl, CH_3 , CH_2CH_3 , NR^3R^{3a} , $CH_2NR^3R^{3a}$, $C(O)R^3$,
 $C(O)OR^{3c}$, $NR^3C(O)R^{3a}$, $C(O)NR^3R^{3a}$, $SO_2NR^3R^{3a}$,
 NR^3SO_2 -phenyl, $S(O)_2CH_3$, $S(O)_2$ -phenyl, and CF_3 ;
- 20 R^{4c} , at each occurrence, is selected from $=O$, OH, OCH_3 ,
 OCH_2CH_3 , $OCH_2CH_2CH_3$, $OCH(CH_3)_2$, CH_3 , CH_2CH_3 , $CH_2CH_2CH_3$,
 $CH(CH_3)_2$, C_{2-3} alkenyl, C_{2-3} alkynyl, CH_2OH , CH_2OCH_3 ,
 $CH_2OCH_2CH_3$, $CH_2OCH_2CH_2CH_3$, $CH_2OCH(CH_3)_2$, F, Br, Cl, CF_3 ,
 NR^2R^{2a} , $CH_2NR^2R^{2a}$, $N(\rightarrow O)R^2R^{2a}$, $CH_2N(\rightarrow O)R^2R^{2a}$, $C(O)R^{2c}$,
 25 $CH_2C(O)R^{2c}$, $NR^2C(O)R^{2b}$, $CH_2NR^2C(O)R^{2b}$, $C(O)NR^2R^{2a}$,
 $CH_2C(O)NR^2R^{2a}$, $SO_2NR^2R^{2a}$, $CH_2SO_2NR^2R^{2a}$, $NR^2SO_2R^{5a}$,
 $CH_2NR^2SO_2R^{5a}$, $S(O)_pR^{5a}$, $CH_2S(O)_pR^{5a}$, CF_3 , cyclopropyl
 substituted with 0-1 R^{4b} , cyclobutyl substituted with
 0-1 R^{4b} , cyclopentyl substituted with 0-1 R^{4b} , phenyl
 30 substituted with 0-1 R^{4b} , $-CH_2$ -cyclopropyl substituted
 with 0-1 R^{4b} , $-CH_2$ -cyclobutyl substituted with 0-1 R^{4b} ,

-CH₂-cyclopentyl substituted with 0-1 R^{4b}, benzyl substituted with 0-2 R^{4b}, 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and (CH₂)₅₋₆ membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

10

R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, OR³, CH₂OR³, F, Cl, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, S(O)₂-CH₃, S(O)₂-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶; and,

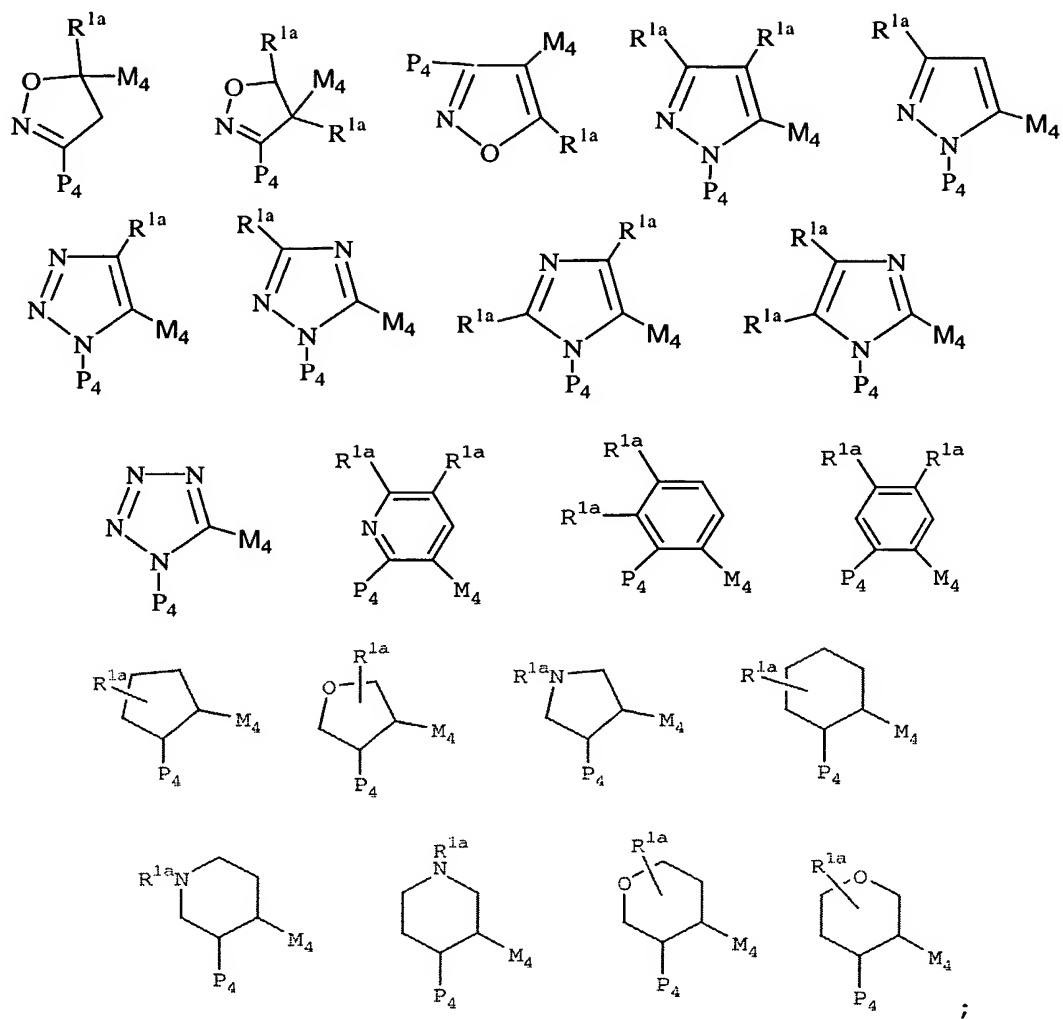
15

R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, and SO₂NR²R^{2a}.

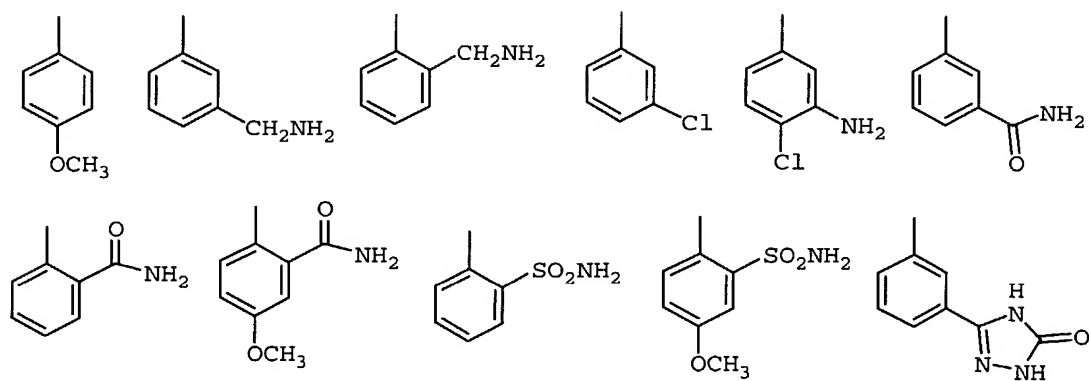
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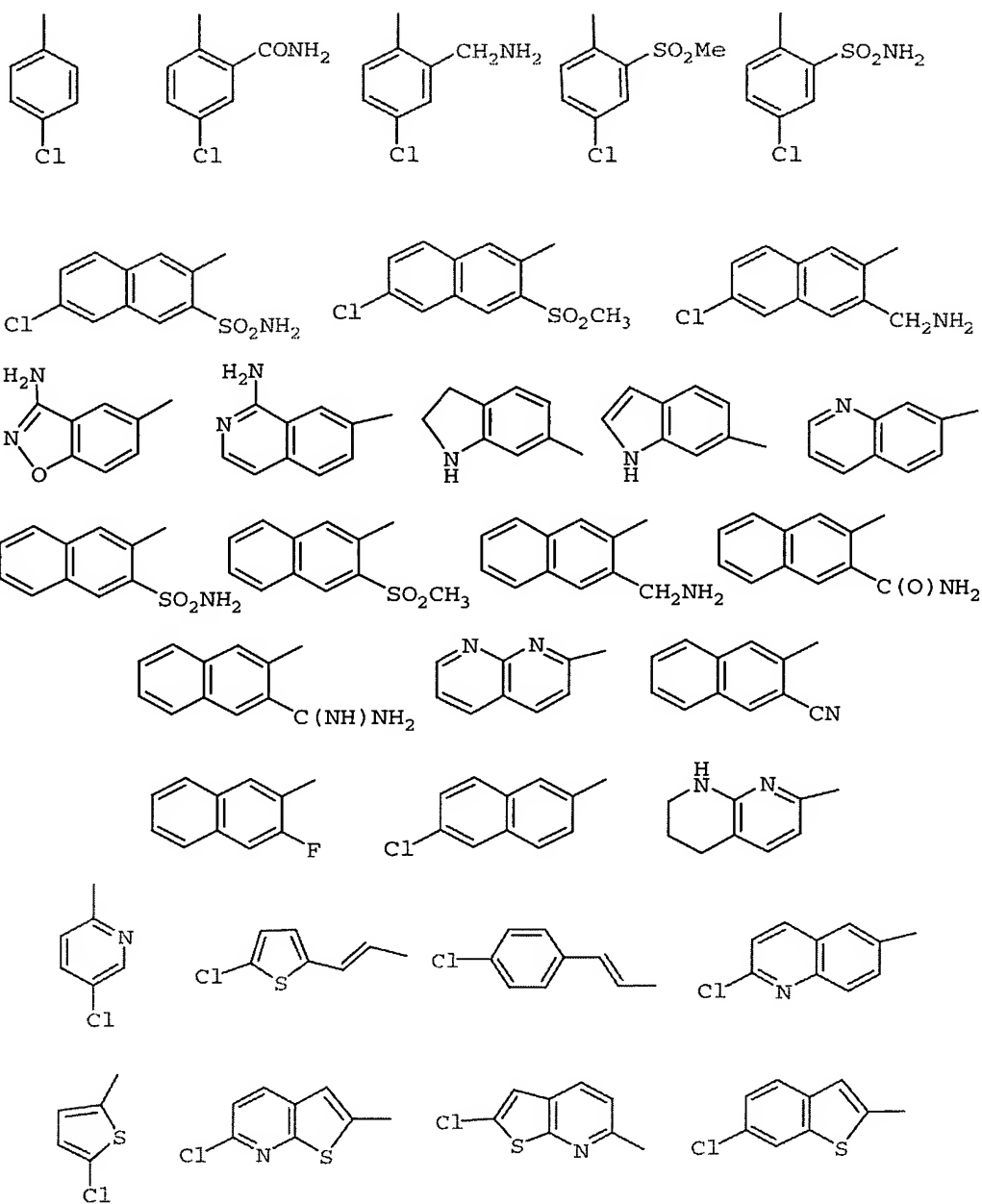
[13] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is selected from:

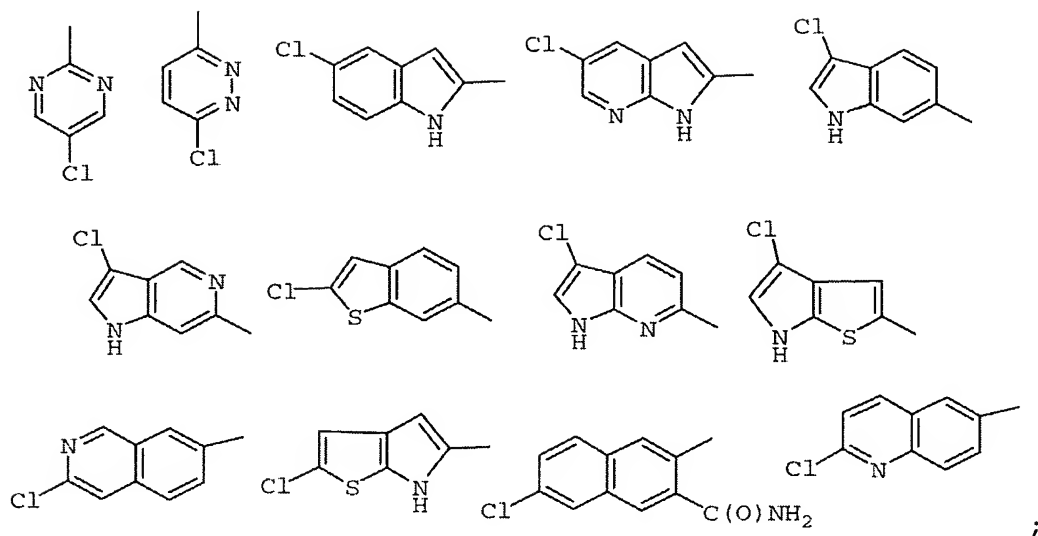
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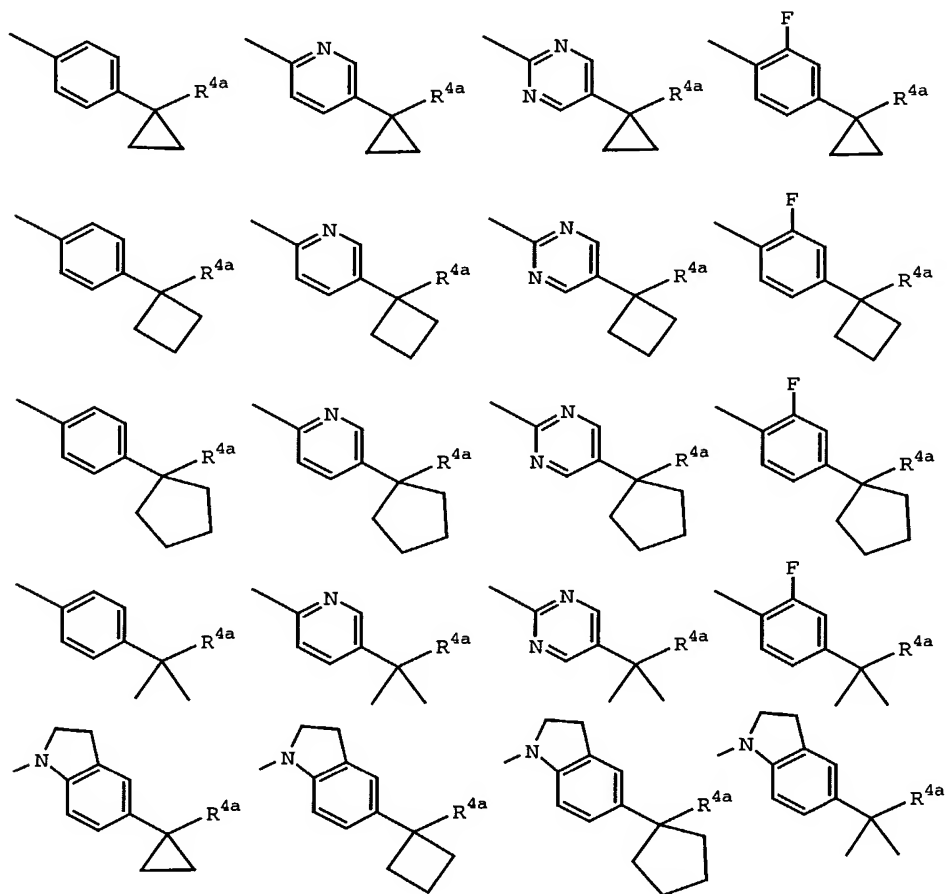
-G₁-G is selected from:







A-B is selected from:



5

R^{2d} , at each occurrence, is selected from H, C_{1-4} alkyl substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted

with 0-2 R^{4c} , phenyl substituted with 0-2 R^{4c} , and a
 5-6 membered aromatic heterocycle consisting of:
 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, provided that R^{2d}
 5 forms other than a N-halo, N-C-halo, $S(O)_p$ -halo, O-
 halo, N-S, S-N, $S(O)_p$ - $S(O)_p$, S-O, O-N, O-S, or O-O
 moiety;

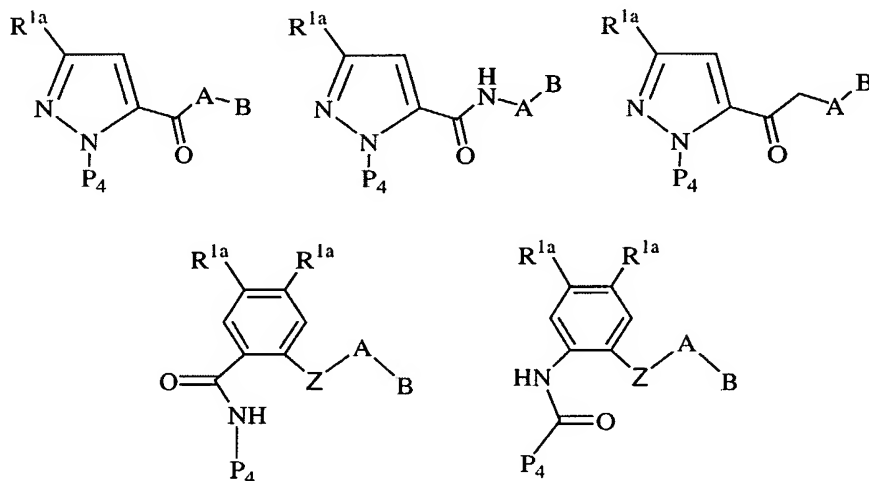
R^{2e} , at each occurrence, is selected from H, C_{1-4} alkyl
 10 substituted with 0-1 R^{4c} , C_{3-6} cycloalkyl substituted
 with 0-2 R^{4c} , phenyl, substituted with 0-2 R^{4c} , and 5-6
 membered aromatic heterocycle consisting of: carbon
 atoms and 1-4 heteroatoms selected from the group
 consisting of N, O, and $S(O)_p$, provided that R^{2e} forms
 15 other than a C(O)-halo or C(O)- $S(O)_p$ moiety;

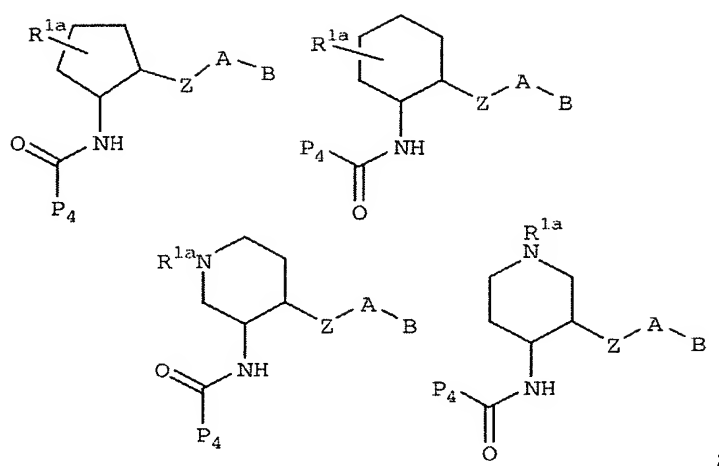
R^{4a} is selected from $NR^{2d}R^{2d}$, $CH_2NR^{2d}R^{2d}$, $CH_2CH_2NR^{2d}R^{2d}$,
 $N(\rightarrow O)R^{2d}R^{2d}$, $CH_2N(\rightarrow O)R^{2d}R^{2d}$, CH_2OR^{2d} , $C(O)R^{2e}$,
 $C(O)NR^{2d}R^{2d}$, $CH_2C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)R^{2e}$, $CH_2NR^{2d}C(O)R^{2e}$,
 20 $NR^{2d}C(O)NR^{2d}R^{2d}$, $CH_2NR^{2d}C(O)NR^{2d}R^{2d}$, $NR^{2d}C(O)OR^{2d}$,
 $CH_2NR^{2d}C(O)OR^{2d}$, $NR^{2d}SO_2R^{2d}$, $CH_2NR^{2d}SO_2R^{2d}$, $S(O)_pR^{2d}$,
 $CH_2S(O)_pR^{2d}$, 5-6 membered carbocycle substituted with
 0-2 R^{4c} , $-(CH_2)$ -5-6 membered carbocycle substituted
 with 0-2 R^{4c} , $-(CH_2)_2$ -5-6 membered carbocycle
 25 substituted with 0-2 R^{4c} , 5-6 membered heterocycle
 substituted with 0-2 R^{4c} and consisting of: carbon
 atoms and 1-4 heteroatoms selected from the group
 consisting of N, O, and $S(O)_p$, $-(CH_2)$ -5-6 membered
 heterocycle substituted with 0-2 R^{4c} and consisting of:
 30 carbon atoms and 1-4 heteroatoms selected from the
 group consisting of N, O, and $S(O)_p$, and $-(CH_2)_2$ -5-6
 membered heterocycle substituted with 0-2 R^{4c} and
 consisting of: carbon atoms and 1-4 heteroatoms

selected from the group consisting of N, O, and S(O)_p provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H; and,

- 5 R^{4c} is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH=CH₂, CH≡CH, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃, CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b},
 10 C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, and CH₂S(O)_pR^{5a}.

[14] In another preferred embodiment, the present invention
 15 provides a novel compound, wherein the compound is selected from:





Z is selected from a NHCH_2 , C(O)NH , NHC(O) , and NHSO_2 ; and,

5 A-B is selected from:

